

Asbestos Survey

Community-Wide Assessment Grant
EPA Cooperative Agreement BF-00E02281-0
6010, 6016-6018, & 6024 Montgomery Road
Cincinnati, Ohio 45213

March 15, 2019

Terracon Project No. N1197037



6010 Montgomery Road



6016-6018 Montgomery Road



6024 Montgomery Road

Prepared for:
Greater Cincinnati Redevelopment Authority
Cincinnati, Ohio 45202

Prepared by:
Terracon Consultants, Inc.
Cincinnati, Ohio 45226

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials

March 15, 2019

Greater Cincinnati Redevelopment Authority
Three East Fourth Street, Suite 300
Cincinnati, Ohio 45202



Attn: Ms. Julie Banner
P: (513) 632-3757
E: jbanner@cincinnatiport.org

Re: Asbestos Survey Report
Community-Wide Assessment Grant
EPA Cooperative Agreement BF-00E02281-0
6010, 6016-6018, & 6024 Montgomery Road
Cincinnati, Ohio 45213
Terracon Project No. N1197037

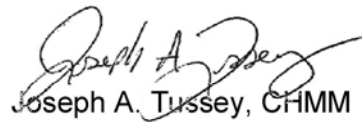
Dear Ms. Banner:

Terracon Consultants, Inc. (Terracon) is pleased to submit the attached report for the above-referenced site to Greater Cincinnati Redevelopment Authority (Client). The purpose of this report is to present the results of an asbestos survey performed on February 26 and 27, 2019, and which was conducted in general accordance with our proposal number PN1197037, dated February 5, 2019. We understand that this survey was requested for the purpose of the planned demolition regarding the buildings located at 6010, 6016-6018, 6024 Montgomery Road in Cincinnati, Ohio. Additionally, Terracon understands that the asbestos survey was funded and conducted under the through the United States Environmental Protection Agency (USEPA) Brownfields Communitywide Assessment Grant: BF-00E02281-0.

Terracon appreciates the opportunity to provide this service to Greater Cincinnati Redevelopment Authority. If you have any questions regarding this report, please contact the undersigned at 513-321-5816.

Sincerely,
Terracon Consultants, Inc.


Joseph A. Vogel
Project Manager
OH AHES #35291


Joseph A. Tussey, CHMM
Authorized Project Reviewer
Sr. Associate / Group Manager
OH AHES #32388

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Asbestos Survey

6010, 6016-6018, & 6024 Montgomery Rd. ■ Cincinnati, OH
March 15, 2019 ■ Terracon Project No. N1197037



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EXECUTIVE SUMMARY

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the three (3) buildings (plus an ancillary shed and shelter) located at 6010, 6016-6018, and 6024 Montgomery Road in Cincinnati, Ohio. We understand that this survey was requested to satisfy a pre-demolition requirement regarding the federal and state-equivalent EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation 40 Code of Federal Regulations (CFR) Part 61, Subpart M. Additionally, this asbestos survey was conducted through the United States Environmental Protection Agency (USEPA) Brownfields Communitywide Assessment Grant: BF-00E02281-0.

The survey included identifying and sampling suspect asbestos-containing materials (ACM), and providing information regarding the identity, location, condition, and approximate quantities of ACM in accessible interior and exterior building components. The survey was performed on February 26 and 27, 2019 by USEPA-accredited and Ohio Environmental Protection Agency (OEPA)-certified Asbestos Hazard Evaluation Specialists (AHES) in general accordance with our proposal dated February 5, 2019, and the sampling protocols established in USEPA 40 CFR Part 763, Subpart E, known as the Asbestos Hazard Emergency Response Act (AHERA). Terracon collected a total of 429 bulk samples from 125 homogeneous areas (HAs) of suspect ACM.

Based on the results of laboratory analysis regarding the samples collected, the materials listed below were identified to contain asbestos.

ACM Description	Material Location	% and Type Asbestos	EPA NESHAP Material Classification	Estimated Quantity*
6010 Montgomery Road				
12"x12" Beige Floor Tile with Black Mastic	6010 Montgomery Road Sales Area and Shower Room	Floor Tile: 0.5% Chrysotile by Point Count (PC), Mastic: 5.7% Chrysotile PC	Floor Tile - Not Regulated by EPA NESHAP (<1% asbestos); Mastic - Category I Non-Friable	1,800 Square Feet (SF)
Black Mastic Beneath Non-Asbestos-Containing 12"x12" Cream Floor Tile Patch	6010 Montgomery Road East Side of Sales Area (under patch tile associated with the field of dominant tile in line above)	1.3% Chrysotile PC	Category I Non-Friable	Quantity Included in the Square Footage Above
Black Interior Window Caulking	6010 Montgomery Road Front Interior Side Windows	1.4% Chrysotile PC	Category II Non-Friable	20 SF
Exterior Black Window Caulking	6010 Montgomery Road Front Exterior Side Windows	1.1% Chrysotile PC	Category II Non-Friable	20 SF

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ACM Description	Material Location	% and Type Asbestos	EPA NESHAP Material Classification	Estimated Quantity*
Brown Mastic Beneath Non-Asbestos-Containing 4" Black Cove Base	6010 Montgomery Road Cooler Area, Shower Area, and South Side of Sales Area	Trace (<1%) Chrysotile PC	Not Regulated by EPA NESHAP (<1% asbestos)	150 SF
Vermiculite**	6010 Montgomery Road Inside Concrete Masonry Unit (CMU) Block – Perimeter Walls	Trace (<1%) Actinolite PC	Treat as RACM Unless Additional / Alternative Analysis by a Method such as Transmission Electron Microscopy (TEM) can Confirm <1%	42 Cubic Yards
Asphalt Roof	6010 Montgomery Road Storage Room Roof	1.4% Chrysotile PC	Category I Non-Friable	275 SF
Black Mastic Beneath Non-Asbestos-Containing Caulking	6010 Montgomery Road: Exterior North Wall in Storage Room	Trace (<1%) Chrysotile PC	Category I Non-Friable	5 SF
6016-6018 Montgomery Road				
Asphalt Roof with Black Tar	6016-6018 Montgomery Road Roof	Roof: 8.7% Chrysotile PC, Tar: 4.2% Chrysotile PC	Category I Non-Friable	3,500 SF
Asphalt Roof Flashing with Black Tar	6016-6018 Montgomery Road Roof	Flashing: 8.4% Chrysotile PC, Tar: 1.4% Chrysotile PC	Category I Non-Friable	500 SF
Black Roof Patch	6016-6018 Montgomery Road Seam on Roof	Patch: 9.4% Chrysotile PC, Tar: 1.1% Chrysotile PC	Category I Non-Friable	50 SF
Tar/Mastic Beneath Non-Asbestos-Containing Grey Caulking	6016-6018 Montgomery Road Seams Around Northwest Chimney	1.3% Chrysotile PC	Category II Non-Friable	2 SF
Black Mastic Beneath Non-Asbestos-Containing White Roof Patch	6016-6018 Montgomery Road North Center of Roof	2.1% Chrysotile PC	Category I Non-Friable	10 SF
Tan Window Caulking Beneath Non-Asbestos-Containing Exterior Grey Caulking	6016-6018 Montgomery Road 2 nd Floor South Windows	4.6% Chrysotile PC	Category II Non-Friable	30 SF
Grey Exterior Window Caulking	6018 Montgomery Road Main Windows at the Front of the Store	3.4% Chrysotile PC	Category II Non-Friable	4 Windows or 10 SF
Grey Exterior Window Caulking	6016-6018 Montgomery Road 2 nd Floor North Windows	4.4% Chrysotile PC	Category II Non-Friable	9 Windows or 18 SF

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ACM Description	Material Location	% and Type Asbestos	EPA NESHAP Material Classification	Estimated Quantity*
Air Cell Pipe Insulation	6016-6018 Montgomery Road Throughout Basement and Hidden in Walls on 1 st and 2 nd Floors (leading to 2 nd floor radiators)	60% Chrysotile	Regulated Asbestos Containing Material (RACM)	650 Linear Feet
White Hard Pipe Fitting Insulation	6016-6018 Montgomery Road Throughout Basement and Hidden in Walls on 1 st and 2 nd Floors (leading to 2 nd floor radiators)	60% Chrysotile	RACM	Included in Air Cell Pipe Insulation Quantity Listed Above
Corrugated Insulation Board	6018 Montgomery Road Basement Above Boiler	45% Chrysotile	RACM	6 SF
Brown Mastic Beneath Non-Asbestos-Containing 2"x4" White Ceramic Wall Tile and Grout	6016-6018 Montgomery Road Northeast Apartment and Northwest Apartment Kitchens	7.7% Chrysotile PC	Category II Non-Friable	350 SF
6024 Montgomery Road				
Asphalt Roof with Non-Asbestos-Containing Tectum Gypsum Board Base	6024 Montgomery Road Roof	30% Chrysotile	Category I Non-Friable	2,500 SF
Exterior Grey Window Caulking	6024 Montgomery Road 2 nd Floor South and East Windows	10% Chrysotile	Category II Non-Friable	5 Windows or 20 SF
White Exterior Window Caulking	6024 Montgomery Road 2 nd Floor Front Windows	1.7% Chrysotile PC	Category II Non-Friable	5 Windows or 10 SF
Grey Exterior Window Caulking on Block Windows	6024 Montgomery Road 1 st Floor Northeast Window	1.8% Chrysotile PC	Category II Non-Friable	5 SF
Exterior Grey Door Caulking	6024 Montgomery Road Front Door	4.4% Chrysotile PC	Category II Non-Friable	3 SF
Black Floor Tile with Non-Asbestos-Containing Black Mastic	6024 Montgomery Road: 2 nd Floor Northwest Closet	2.8% Chrysotile PC	Category I Non-Friable	10 SF

*Estimated quantities listed above are based on a cursory field evaluation, and actual quantities may vary significantly, especially if ACMs are present in hidden and/or inaccessible areas not evaluated as part of this survey. This is not a bidding document and contractors would be responsible for drawing their own conclusions regarding quantities present.

**Please note that the vermiculite sample results were reported using the polarized light microscopy (PLM) method with point count. Determining actual asbestos-content in vermiculite can be difficult to determine using traditional PLM with point count. The USEPA recommends treating vermiculite as if it contains >1% asbestos unless an additional alternative method such as transmission electron microscopy (TEM) can confirm <1% asbestos-content or deny asbestos-content.

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Asbestos was not identified in the samples and collected and analyzed with respect to the ancillary shelter and shed located behind the 6016-6018 structure.

A summary of samples collected is included in Appendix B; sample location drawings are included in Appendix F; the laboratory analytical report is attached in Appendix C; and a log showing example photos of the identified ACMs is included in appendix E.

Regarding the identified ACMs containing >1%, the owner or operator are responsible for federal and state EPA NESHAP regulatory compliance. An experienced state-licensed asbestos abatement contractor should be retained for proper removal, handling, and disposal of ACMs (>1%) as applicable with federal and state EPA regulations prior to demolition. Also, per federal and state regulations, please be aware that the owner and/or operator must notify the regional/local EPA NESHAP authority 10-business days prior to a demolition project and prior to the abatement of RACM exceeding 50 square feet of 50 linear feet. Please contact the Hamilton County Air Quality Agency for further information and discussion regarding regulatory requirement compliance and clarifications (Hamilton County Air Quality Agency – 250 William Howard Taft Road, Cincinnati, Ohio 45219; telephone [513] 946-7777).

ASBESTOS SURVEY
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Cincinnati, Ohio 45213
Terracon Project No. N1197037
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1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the three (3) buildings (plus an ancillary shed and shelter) located at 6010, 6016-6018, and 6024 Montgomery Road in Cincinnati, Ohio. The survey was conducted on February 26 and 27, 2019 by United States Environmental Protection Agency (USEPA)-accredited and Ohio EPA (OEPA)-certified Asbestos Hazard Evaluation Specialists (AHES) in general accordance with Terracon proposal number PN1197037, dated February 5, 2019. Accessible interior and exterior building components were surveyed. Homogeneous areas of suspect asbestos-containing materials (ACM) were visually identified and documented. Although reasonable effort was made to survey accessible suspect materials, additional suspect but un-sampled materials could be located in walls, in voids, or in other concealed areas. Suspect ACM samples were collected in general accordance with the sampling protocols outlined in 40 Code of Federal Regulations (CFR) Part 763, Subpart E, known as the Asbestos Hazard Emergency Response Act (AHERA). Samples were delivered to an accredited laboratory for analysis by Polarized Light Microscopy (PLM).

1.1 Project Objective

We understand that this survey was requested for the purposes of a future planned demolition of the three (3) structures located at the above-referenced addresses. Please note that asbestos surveys are required prior to renovation or demolition to satisfy requirements of the USEPA 40 CFR Part 61, Subpart M, the National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation (as well as the state NESHAP regulatory equivalent).

1.2 Reliance

This report is for the exclusive use of Greater Cincinnati Redevelopment Authority (Client) for the project being discussed. Reliance by any other party on this report is prohibited without written authorization of Terracon and Greater Cincinnati Redevelopment Authority. Reliance on this report by Greater Cincinnati Redevelopment Authority and all authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, this report, and Terracon's Agreement for Services. The limitations of liability defined in Terracon's Agreement for Services is the aggregate limit of Terracon's liability to Greater Cincinnati Redevelopment Authority.

2.0 BUILDING DESCRIPTION

The survey encompassed three (3) structures (plus an ancillary shed and shelter). The structure located at 6010 Montgomery Road consists of a single-story former convenience store, which contains approximately 2,700 square feet of interior floor space and was built in 1976. The structure located at 6016-6018 Montgomery Road consists of a two-story (with a basement) former commercial/residential building (Gregory Forrest Lester, Inc. at the 6016 1st floor portion; a beauty salon at the 6018 1st floor portion); and residential apartments above both spaces), which contains approximately 6,700 total square feet of interior floor space and was built in 1928. A small ancillary wooden shelter and shed (both with asphalt shingles) are also located immediately behind the 6016-6018 structure. The property located at 6024 Montgomery Road consists of a two-story former detail shop, which contains approximately 5,000 square feet of interior floor space and was built in 1948. The three (3) subject structures were vacant at the time of the survey.

3.0 FIELD ACTIVITIES

The survey was conducted by Mr. Joshua Vogel, Mr. Joseph Tussey, and Mr. Lemuel Weyer, USEPA-accredited asbestos inspectors and OEPA-certified AHESs. A copy of Mr. Vogel's, Mr. Tussey's, and Mr. Weyer's OEPA AHES credential is attached as Appendix D. The survey was conducted in general accordance with the sample collection protocols established in USEPA 40 CFR Part 763, Subpart E, Section 763.86, AHERA. A summary of survey activities is provided below.

3.1 Visual Assessment

Survey activities were initiated with visual observation of the accessible interior and exterior areas of the building to identify homogeneous areas of suspect ACM. A homogeneous area (HA) consists of building materials that appear similar throughout in terms of color and texture with consideration given to the date of application.

3.2 Physical Assessment

A physical assessment of each HA of suspect ACM was conducted to assess the friability and condition of the materials. A friable material is defined by the USEPA as a material which can be crumbled, pulverized, or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.3 Sample Collection

Based on results of the visual observation, bulk samples of suspect ACM were collected in general accordance with USEPA AHERA sampling protocols. Samples of suspect materials were collected from randomly selected locations in each homogeneous area. Bulk samples were

collected using wet methods as applicable to reduce the potential for fiber release. Samples were placed in sealable containers and labeled with unique sample numbers using an indelible marker.

The selection of sample locations and frequency of sampling were based on Terracon's observations and the assumption that like materials in the same area are homogeneous in content.

Terracon collected a total of 429 bulk samples from 125 homogeneous areas of suspect ACM. A summary of suspect ACM samples collected during the survey is included as Appendix B.

3.4 Sample Analysis

Bulk samples were submitted under chain of custody to International Asbestos Testing Laboratories (IATL) of Mount Laurel, New Jersey for analysis PLM with dispersion staining techniques per USEPA methodology 600/R-93/116. The percentage of asbestos, where applicable, was determined by microscopic visual estimation. When applicable for samples determined by PLM to have a low asbestos content (<10%), the additional point count (PC) method was utilized. IATL is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), accreditation number 101165-0.

Please note that the vermiculite fill material was encountered in the perimeter concrete masonry unit (CMU) block walls at 6010 Montgomery Road. The vermiculite samples were also analyzed using the PLM method with point count. Determining actual asbestos-content in vermiculite can be difficult using traditional PLM with point count. The USEPA recommends treating vermiculite as if it contains >1% asbestos unless an additional alternative method such as transmission electron microscopy (TEM) can confirm <1% asbestos-content or deny asbestos-content.

4.0 REGULATORY OVERVIEW

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM).

The asbestos NESHAP regulation classifies material subject to demolition or renovation as either RACM, Category I non-friable ACM, or Category II non-friable ACM. RACM includes all friable ACM (pre-disturbance), along with Category I non-friable ACM that becomes friable (during disturbance), and Category I non-friable ACM subject to sanding, grinding, cutting, or abrading, or Category II non-friable ACM with a high probability of becoming crumbled, pulverized, or reduced to powder by forces expected to act on the material during disturbance. Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, and

asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials (other than Category I non-friable ACM) that contain more than 1% asbestos. Category II non-friable ACM generally includes (but is not limited to) cementitious material such as: cement pipes, cement siding (Transite™), cement panels, glazing, mortar, and grouts.

The Ohio Environmental Protection Agency (OEPA) adopted Chapter 3745-20 of the Ohio Administrative Code and implements the Asbestos NESASP. The owner or operator must provide the OEPA district office or local air agency with written notification at least 10 business days prior to the commencement of abatement projects exceeding certain quantity thresholds and demolition projects. The OEPA also regulates friable asbestos abatement activities, asbestos personnel training, and issuance of asbestos professional certifications under OAC 3745-22. OEPA audits asbestos abatement projects and responds to public health emergencies where friable ACMs has been released; licensed contractors must submit a 10-business day notification prior to an abatement project where RACM in quantities greater than 50 linear or 50 square feet are being removed. Please note that per OEPA regulations, non-friable Category I floor tile if broken into pieces four (4) square inches or smaller are considered friable, and thus as a RACM.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA standard classifies construction and maintenance activities which could disturb ACM and specifies work practices and precautions which employers must follow when engaging in each class of regulated work.

5.0 FINDINGS AND RECOMMENDATIONS

Based on the results of laboratory analysis regarding the samples collected, the materials listed below were identified to contain asbestos.

ACM Description	Material Location	% and Type Asbestos	EPA NESASP Material Classification	Estimated Quantity*
6010 Montgomery Road				
12"x12" Beige Floor Tile with Black Mastic	6010 Montgomery Road Sales Area and Shower Room	Floor Tile: 0.5% Chrysotile by Point Count (PC), Mastic: 5.7% Chrysotile PC	Floor Tile - Not Regulated by EPA NESASP (<1% asbestos); Mastic - Category I Non-Friable	1,800 Square Feet (SF)

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ACM Description	Material Location	% and Type Asbestos	EPA NESHAP Material Classification	Estimated Quantity*
Black Mastic Beneath Non-Asbestos-Containing 12"x12" Cream Floor Tile Patch	6010 Montgomery Road East Side of Sales Area (under patch tile associated with the field of dominant tile in line above)	1.3% Chrysotile PC	Category I Non-Friable	Quantity Included in the Square Footage Above
Black Interior Window Caulking	6010 Montgomery Road Front Interior Side Windows	1.4% Chrysotile PC	Category II Non-Friable	20 SF
Exterior Black Window Caulking	6010 Montgomery Road Front Exterior Side Windows	1.1% Chrysotile PC	Category II Non-Friable	20 SF
Brown Mastic Beneath Non-Asbestos-Containing 4" Black Cove Base	6010 Montgomery Road Cooler Area, Shower Area, and South Side of Sales Area	Trace Chrysotile PC	Not Regulated by EPA NESHAP (<1% asbestos)	150 SF
Vermiculite**	6010 Montgomery Road Inside Concrete Masonry Unit (CMU) Block – Perimeter Walls	Trace Actinolite PC	Treat as RACM Unless Additional / Alternative Analysis by a Method such as Transmission Electron Microscopy (TEM) can Confirm <1%	42 Cubic Yards
Asphalt Roof	6010 Montgomery Road Storage Room Roof	1.4% Chrysotile PC	Category I Non-Friable	275 SF
Black Mastic Beneath Non-Asbestos-Containing Caulking	6010 Montgomery Road: Exterior North Wall in Storage Room	Trace Chrysotile PC	Category I Non-Friable	5 SF
6016-6018 Montgomery Road				
Asphalt Roof with Black Tar	6016-6018 Montgomery Road Roof	Roof: 8.7% Chrysotile PC, Tar: 4.2% Chrysotile PC	Category I Non-Friable	3,500 SF
Asphalt Roof Flashing with Black Tar	6016-6018 Montgomery Road Roof	Flashing: 8.4% Chrysotile PC, Tar: 1.4% Chrysotile PC	Category I Non-Friable	500 SF
Black Roof Patch	6016-6018 Montgomery Road Seam on Roof	Patch: 9.4% Chrysotile PC, Tar: 1.1% Chrysotile PC	Category I Non-Friable	50 SF
Tar/Mastic Beneath Non-Asbestos-Containing Grey Caulking	6016-6018 Montgomery Road Seams Around Northwest Chimney	1.3% Chrysotile PC	Category II Non-Friable	2 SF
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ACM Description	Material Location	% and Type Asbestos	EPA NESHAP Material Classification	Estimated Quantity*
Tan Window Caulking Beneath Non-Asbestos-Containing Exterior Grey Caulking	6016-6018 Montgomery Road 2 nd Floor South Windows	4.6% Chrysotile PC	Category II Non-Friable	30 SF
Grey Exterior Window Caulking	6018 Montgomery Road Main Windows at the Front of the Store	3.4% Chrysotile PC	Category II Non-Friable	4 Windows or 10 SF
Grey Exterior Window Caulking	6016-6018 Montgomery Road 2 nd Floor North Windows	4.4% Chrysotile PC	Category II Non-Friable	9 Windows or 18 SF
Air Cell Pipe Insulation	6016-6018 Montgomery Road Throughout Basement and Hidden in Walls on 1 st and 2 nd Floors (leading to 2 nd floor radiators)	60% Chrysotile	Regulated Asbestos Containing Material (RACM)	650 Linear Feet
White Hard Pipe Fitting Insulation	6016-6018 Montgomery Road Throughout Basement and Hidden in Walls on 1 st and 2 nd Floors (leading to 2 nd floor radiators)	60% Chrysotile	RACM	Included in Air Cell Pipe Insulation Quantity Listed Above
Corrugated Insulation Board	6018 Montgomery Road Basement Above Boiler	45% Chrysotile	RACM	6 SF
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6024 Montgomery Road				
Asphalt Roof with Non-Asbestos-Containing Tectum Gypsum Board Base	6024 Montgomery Road Roof	30% Chrysotile	Category I Non-Friable	2,500 SF
Exterior Grey Window Caulking	6024 Montgomery Road 2 nd Floor South and East Windows	10% Chrysotile	Category II Non-Friable	5 Windows or 20 SF
White Exterior Window Caulking	6024 Montgomery Road 2 nd Floor Front Windows	1.7% Chrysotile PC	Category II Non-Friable	5 Windows or 10 SF
Grey Exterior Window Caulking on Block Windows	6024 Montgomery Road 1 st Floor Northeast Window	1.8% Chrysotile PC	Category II Non-Friable	5 SF
Exterior Grey Door Caulking	6024 Montgomery Road Front Door	4.4% Chrysotile PC	Category II Non-Friable	3 SF

ACM Description	Material Location	% and Type Asbestos	EPA NESHAP Material Classification	Estimated Quantity*
Black Floor Tile with Non-Asbestos-Containing Black Mastic	6024 Montgomery Road: 2 nd Floor Northwest Closet	2.8% Chrysotile PC	Category I Non-Friable	10 SF

*Estimated quantities listed above are based on a cursory field evaluation, and actual quantities may vary significantly, especially if ACMs are present in hidden and/or inaccessible areas not evaluated as part of this survey. This is not a bidding document and contractors would be responsible for drawing their own conclusions regarding quantities present.

**Please note that the vermiculite sample results were reported using the polarized light microscopy (PLM) method with point count. Determining actual asbestos-content in vermiculite can be difficult to determine using traditional PLM with point count. The USEPA recommends treating vermiculite as if it contains >1% asbestos unless an additional alternative method such as transmission electron microscopy (TEM) can confirm <1% asbestos-content or deny asbestos-content.

Asbestos was not identified in the samples and collected and analyzed with respect to the ancillary shelter and shed located behind the 6016-6018 structure.

A summary of samples collected is included in Appendix B; sample location drawings are included in Appendix F; the laboratory analytical report is attached in Appendix C; and a log showing example photos of the identified ACMs is included in appendix E.

Regarding the identified ACMs containing >1%, the owner or operator are responsible for federal and state EPA NESHAP regulatory compliance. An experienced state-licensed asbestos abatement contractor should be retained for proper removal, handling, and disposal of ACMs (>1%) as applicable with federal and state EPA regulations prior to demolition. Also, per federal and state regulations, please be aware that the owner and/or operator must notify the regional/local EPA NESHAP authority 10-business days prior to a demolition project and prior to the abatement of RACM exceeding 50 square feet of 50 linear feet. Please contact the Hamilton County Air Quality Agency for further information and discussion regarding regulatory requirement compliance and clarifications (Hamilton County Air Quality Agency – 250 William Howard Taft Road, Cincinnati, Ohio 45219; telephone [513] 946-7777).

6.0 LIMITATIONS/GENERAL COMMENTS

In addition to limitations, if any, indicated in other sections of this report, please note that Terracon did not perform sampling which required extensive demolition or destructive activities such as dismantling of equipment or removal of protective coverings. Reasonable efforts to access suspect materials within known areas of restricted access (e.g., crawl spaces) were made; however, confined spaces or areas which may pose a health or safety risk to Terracon personnel were not sampled. Sampling did not include suspect materials which could not be safely reached with available ladders/man-lifts.

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This asbestos survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions, and recommendations expressed in this report are based on conditions observed during our survey of the building. The information contained in this report is relevant to the date on which this survey was performed and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by Greater Cincinnati Redevelopment Authority for specific application to their project as discussed. This report is not a bidding document. **Contractors or consultants reviewing this report must draw their own conclusions regarding quantities and any further investigation or remediation deemed necessary.** Terracon does not warrant the work of regulatory agencies, laboratories, or other third-parties supplying information which may have been used in the preparation of this report. No warranty, express or implied is made.

Additionally, as part of this scope of service relative to the grant program, Terracon developed a sampling and analysis plan (SAP) and a Health and Safety Plan (HASP) which was reviewed and approved by the USEPA prior to commencing with the asbestos survey.

A copy of the approved SAP, which includes quality assurance (QA) procedures, and the project HASP are attached as Appendix G for reference.

APPENDIX A

6010, 6016-6018, & 6024 Montgomery Road Cincinnati, Ohio 45213

IDENTIFIED ASBESTOS-CONTAINING MATERIALS BY HOMOGENEOUS AREA (HA)

HA No.	Material Description	Material Location	% and Type Asbestos	EPA NESHAP Material Classification	Condition	Estimated Quantity*
6010 Montgomery Road						
1	12"x12" Beige Floor Tile with Black Mastic	6010 Montgomery Road Sales Area and Shower Room	Floor Tile: 0.5% Chrysotile by Point Count (PC), Mastic: 5.7% Chrysotile PC	Floor Tile - Not Regulated by EPA NESHAP (<1% asbestos); Mastic - Category I Non-Friable	Good	1,800 Square Feet (SF)
4	Black Mastic Beneath Non-Asbestos-Containing 12"x12" Cream Floor Tile Patch	6010 Montgomery Road East Side of Sales Area (under patch tile associated with the field of dominant tile in line above)	1.3% Chrysotile PC	Category I Non-Friable	Good	Quantity Included in the Square Footage Above
3	Black Interior Window Caulking	6010 Montgomery Road Front Interior Side Windows	1.4% Chrysotile PC	Category II Non-Friable	Good	20 SF
16	Exterior Black Window Caulking	6010 Montgomery Road: Front Exterior Side Windows	1.1% Chrysotile PC	Category II Non-Friable	Good	20 SF
7	Brown Mastic Beneath Non-Asbestos-Containing 4" Black Cove Base	6010 Montgomery Road: Cooler Area, Shower Area, and South Side of Sales Area	Trace (<1%) Chrysotile PC	Not Regulated by EPA NESHAP (<1%)	Good	150 SF

HA No.	Material Description	Material Location	% and Type Asbestos	EPA NESHAP Material Classification	Condition	Estimated Quantity*
14	Vermiculite**	6010 Montgomery Road Inside Concrete Masonry Unit (CMU) Block – Perimeter Walls	Trace (<1%) Actinolite PC	Treat as RACM Unless Additional / Alternative Analysis by a Method such as Transmission Electron Microscopy (TEM) can Confirm <1%	Good	42 Cubic Yards
20	Asphalt Roof	6010 Montgomery Road Storage Room Roof	1.4% Chrysotile PC	Category I Non-Friable	Good	275 SF
22	Black Mastic Beneath Non-Asbestos-Containing Caulking	6010 Montgomery Road Exterior North Wall in Storage Room	Trace (<1%) Chrysotile PC	Category I Non-Friable	Good	5 SF
6016-6018 Montgomery Road						
25	Asphalt Roof with Black Tar	6016-6018 Montgomery Road Roof	Roof: 8.7% Chrysotile PC, Tar: 4.2% Chrysotile PC	Category I Non-Friable	Good	3,500 SF
26	Asphalt Roof Flashing with Black Tar	6016-6018 Montgomery Road Roof	Flashing: 8.4% Chrysotile PC, Tar: 1.4% Chrysotile PC	Category I Non-Friable	Good	500 SF
27	Black Roof Patch	6016-6018 Montgomery Road Seam on Roof	Patch: 9.4% Chrysotile PC, Tar: 1.1% Chrysotile PC	Category I Non-Friable	Good	50 SF
29	Tar/Mastic Beneath Non-Asbestos-Containing Grey Caulking	6016 Montgomery Road Seams Around Northwest Chimney	1.3% Chrysotile PC	Category II Non-Friable	Good	2 SF
30	Black Mastic Beneath Non-Asbestos-Containing White Roof Patch	6016-6018 Montgomery Road North Center of Roof	2.1% Chrysotile PC	Category I Non-Friable	Good	10 SF
33	Tan Window Caulking Beneath Non-Asbestos-Containing Exterior Grey Caulking	6016-6018 Montgomery Road 2 nd Floor South Windows	4.6% Chrysotile PC	Category II Non-Friable	Good	30 SF
56	Grey Exterior Window Caulking	6018 Montgomery Road Main Windows at the Front of the Store	3.4% Chrysotile PC	Category II Non-Friable	Good	4 Windows or 10 SF
57	Grey Exterior Window Caulking	6016-6018 Montgomery Road 2 nd Floor North Windows	4.4% Chrysotile PC	Category II Non-Friable	Good	9 Windows or 18 SF

HA No.	Material Description	Material Location	% and Type Asbestos	EPA NESHAP Material Classification	Condition	Estimated Quantity*
67	Air Cell Pipe Insulation	6016-6018 Montgomery Road Throughout Basement and Hidden in Walls on 1 st and 2 nd Floors (leading to 2 nd floor radiators)	60% Chrysotile	Regulated Asbestos Containing Material (RACM)	Fair	650 Linear Feet
68	White Hard Pipe Fitting Insulation	6016-6018 Montgomery Road: Throughout Basement and Hidden in Walls on 1 st and 2 nd Floors (leading to 2 nd floor radiators)	60% Chrysotile	RACM	Fair	Included in Air Cell Pipe Insulation Quantity Listed Above
72	Corrugated Insulation Board	6018 Montgomery Road Basement Above Boiler	45% Chrysotile	RACM	Fair	6 SF
93	Brown Mastic Beneath Non-Asbestos-Containing 2"x4" White Ceramic Wall Tile and Grout	6016-6018 Montgomery Road: Northeast Apartment and Northwest Apartment Kitchens	7.7% Chrysotile PC	Category II Non-Friable	Good	350 SF
6024 Montgomery Road						
34	Asphalt Roof with Non-Asbestos-Containing Tectum Gypsum Board Base	6024 Montgomery Road Roof	30% Chrysotile	Category I Non-Friable	Good	2,500 SF
44	Exterior Grey Window Caulking	6024 Montgomery Road 2 nd Floor South and East Windows	10% Chrysotile	Category II Non-Friable	Good	5 Windows or 20 SF
48	White Exterior Window Caulking	6024 Montgomery Road 2 nd Floor Front Windows	1.7% Chrysotile PC	Category II Non-Friable	Good	5 Windows or 10 SF
52	Grey Exterior Window Caulking on Block Windows	6024 Montgomery Road 1 st Floor Northeast Window	1.8% Chrysotile PC	Category II Non-Friable	Good	5 SF
53	Exterior Grey Door Caulking	6024 Montgomery Road Front Door	4.4% Chrysotile PC	Category II Non-Friable	Good	3 SF
122	Black Floor Tile with Non-Asbestos-Containing Black Mastic	6024 Montgomery Road 2 nd Floor Northwest Closet	2.8% Chrysotile PC	Category I Non-Friable	Good	10 SF



*Estimated quantities listed above are based on a cursory field evaluation, and actual quantities may vary significantly, especially if ACMs are present in hidden and/or inaccessible areas not evaluated as part of this survey. This is not a bidding document and contractors would be responsible for drawing their own conclusions regarding quantities present.

**Please note that the vermiculite sample results were reported using the polarized light microscopy (PLM) method with point count. Determining actual asbestos-content in vermiculite can be difficult to determine using traditional PLM with point count. The USEPA recommends treating vermiculite as if it contains >1% asbestos unless an additional alternative method such as transmission electron microscopy (TEM) can confirm <1% asbestos-content or deny asbestos-content.

See Appendix B for a summary of samples collected, Appendix C for detailed analytical results, Appendix E for photo examples of ACMs, and Appendix F for sample location drawings.

Asbestos was not identified in the samples and collected and analyzed with respect to the ancillary shelter and shed located behind the 6016-6018 structure.

It should be noted that inaccessible/concealed suspect materials, other than those identified during this survey, may exist. Should additional suspect materials be uncovered prior to or during demolition activities, those materials must be assumed asbestos-containing until sampled by an Ohio AHES and analysis can confirm or deny their asbestos content.

Regarding the identified ACMs containing >1%, the owner or operator are responsible for federal and state EPA NESHAP regulatory compliance. An experienced state-licensed asbestos abatement contractor should be retained for proper removal, handling, and disposal of ACMs (>1%) as applicable with federal and state EPA regulations prior to demolition. Also, per federal and state regulations, please be aware that the owner and/or operator must notify the regional/local EPA NESHAP authority 10-business days prior to a demolition project and prior to the abatement of RACM exceeding 50 square feet of 50 linear feet. Please contact the Hamilton County Air Quality Agency for further information and discussion regarding regulatory requirement compliance and clarifications (Hamilton County Air Quality Agency – 250 William Howard Taft Road, Cincinnati, Ohio 45219; telephone [513] 946-7777).

Materials containing <1% are not regulated under EPA NESHAP; however, please be aware that such materials are regulated under OSHA 29 CFR 1926.1101 (Asbestos in Construction). Contractors should be aware of such materials so that they may take the appropriate actions necessary to comply with the OSHA standard.

APPENDIX B

**6010, 6016-6018, & 6024 Montgomery Road
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ASBESTOS SURVEY SAMPLE SUMMARY

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
6010 Montgomery Road – Former Convenience Store					
1	001	12"x12" Beige Floor Tile with Black Mastic	Main Sales Area at Entry Door on North Wall	Sales Area and Shower Room	Floor Tile: Trace Chrysotile by Point Count (PC), Mastic: 5.1% Chrysotile PC
	002		Main Sales Area in Middle of Room		Floor Tile: Trace Chrysotile by PC, Mastic: 5.7% Chrysotile PC
	003		At Shower Room Entry		Floor Tile: 0.5% Chrysotile PC, Mastic: 5.3% Chrysotile PC
2	004	2'x4' Bird Track Ceiling Tile	Main Sales Area Near Center	Throughout Building	None Detected (ND)
	005		Stock Area Along South Wall		ND
	006		Shower Room - Above Shower		ND
3	007	Black Interior Window Caulking	Northwest Corner of Sales Area	North Front Windows	1.4% Chrysotile PC
	008		Front Interior Side of West Doors at Bottom		ND
	009		Front Interior Just Inside East Doors at Top		1.2% Chrysotile PC
4	010	12"x12" Cream Floor Tile Patch with Black Mastic	Patch Area of Sales Floor Towards the Northeast Side of Sales Area	East Side of Sales Area	Floor Tile: ND, Mastic: 1.3% Chrysotile PC
	011		Patch Area of Sales Floor Towards the Northeast Side of Sales Area		Floor Tile: ND, Mastic: 1.3% Chrysotile PC

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	012		Patch Area of Sales Floor Towards the Northeast Side of Sales Area		Floor Tile: ND, Mastic: 1.3% Chrysotile PC
5	013	White Faux Tile Fiber Glass Reinforced Plastic Board with Yellow Mastic	Above Sink	Around Slop Sink	Board: ND, Mastic: ND
	014		Above Sink		Board: ND, Mastic: ND
	015		Above Sink		Board: ND, Mastic: ND
6	016	Drywall System: Drywall and Joint Compound	Exit of Sales Area	Throughout	Drywall: ND, Joint Compound: ND
	017		West of Cooler		Drywall: ND, Joint Compound: ND
	018		Above Drain in Hallway		Drywall: ND, Joint Compound: ND
	019		North of Sinks in Hallway		Drywall: ND, Joint Compound: ND
	020		Entry to Cashier Area		Drywall: ND, Joint Compound: ND
	021		Northwest Corner of Restroom		Drywall: ND, Joint Compound: ND
	022		Northeast Corner of Shower		Drywall: ND, Joint Compound: ND
7	023	4" Black Cove Base with Brown Mastic	West Side of Cooler	Cooler Area, Shower Room, and South Side of Sales Area	Cove Base: ND, Mastic: Trace Chrysotile PC
	024		Southwest Corner of Coolers in Sales Area		Cove Base: ND, Mastic: Trace Chrysotile PC
	025		Inside Cooler Entry		Cove Base: ND, Mastic: Trace Chrysotile PC
8	026	Grey Interior Door Caulking	West Side of Doorway	Door to Storage Room	ND

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Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	027		West Side of Doorway		ND
	028		East Side of Doorway		ND
9	029	4" White Cove Base with Yellow Mastic	At Doorway	Storage Room	Cove Base: ND, Mastic: ND
	030		Southwest Corner		Cove Base: ND, Mastic: ND
	031		Northeast Corner		Cove Base: ND, Mastic: ND
10	032	Grey Vinyl Sheet Floor Tile with Cream Mastic	Entry of Restroom	Restroom	Flooring: ND, Mastic: ND
	033		Southeast Corner		Flooring: ND, Mastic: ND
	034		Southwest Corner		Flooring: ND, Mastic: ND
11	035	Yellow Caulking	Southwest Corner of Shower	Around Shower Wall Panels	ND
	036		Southwest Corner of Shower		ND
	037		Southwest Corner of Shower		ND
12	038	Drywall System: Drywall and Joint Compound	Southeast Corner – Wall	Storage Room Walls and Ceiling	Drywall: ND, Joint Compound: ND
	039		Middle of South Wall on Ceiling		Drywall: ND, Joint Compound: ND
	040		Southwest Corner - Wall		Drywall: ND, Joint Compound: ND
13	041	Yellow Carpet Mastic	South Side	Cashier Area	Carpet: ND, Mastic: ND
	042		At Entry		Carpet: ND, Mastic: ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	043		North Side		Carpet: ND, Mastic: ND
14	044	Vermiculite	Southwest Corner of Hallway	Exterior Walls	Trace Actinolite PC
	045		Northwest Corner of Hallway		Trace Actinolite PC
	046		Middle of East Wall in Sales Area		Trace Actinolite PC
15	047	12"x12" White Floor Tile with Yellow Mastic	At Entry from Sales Area Hallway	Storage Room	Floor Tile: ND, Mastic: ND
	048		Northeast Corner		Floor Tile: ND, Mastic: ND
	049		Southeast Corner		Floor Tile: ND, Mastic: ND
16	050	Exterior Black Window Caulking	West Side of Window	Front Exterior Windows	1.1% Chrysotile PC
	051		Center Above Window		1.1% Chrysotile PC
	052		East Side of Window		1.1% Chrysotile PC
17	053	Exterior Grey Expansion Wall Caulking	Northeast Corner of Building	Exterior Walls	ND
	054		Northeast Corner of Building		ND
	055		Center of West Side of Building		ND
18	056	Asphalt Roof with Pulp Board	Southeast Corner	Main Roof	Roof Material: ND, Fiber Board: ND
	057		Northeast Corner		Roof Material: ND, Fiber Board: ND
	058		Southwest Corner		Roof Material: ND, Fiber Board: ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
19	059	Black Tar and Asphalt Flashing	Southeast Corner	Main Roof	Tar: ND, Shingle: ND
	060		Southwest Corner		Tar: ND, Shingle: ND
	061		Center of Roof at HVAC Entry		Tar: ND, Shingle: ND
20	062	Asphalt Roof with Tar Seams and Fiberglass Panels	West Side	Storage Room Roof	Roof: 1.3% Chrysotile PC , Roof: ND, Fiberglass: ND
	063		East Side		Roof: 1.1% Chrysotile PC , Roof: ND, Fiberglass: ND
	064		Center of Roof		Roof: 1.4% Chrysotile PC , Roof: ND, Fiberglass: ND
21	065	White and Blue Caulking Caulking	Middle	Between Main and Storage Room Roof	White: ND
	066		East		White: ND, Blue: ND
	067		West		White: ND, Blue: ND
22	068	Grey, White and Tan Expansion Caulking with Black Caulking Beneath	Center of North Wall	North Wall in Storage Room	Grey: ND White: ND, Tan: ND, Mastic: Trace Chrysotile PC , Black: ND
	069		Center of North Wall		Grey: ND, Grey: ND, Black: ND
	070		East Side of Wall		Grey: ND, Tan: ND, White: ND, Grey: ND, Black: ND
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23	071	Tan Asphalt Shingles with Black Felt Paper	Southwest Corner	Shelter Roof Behind 6018 Montgomery Road	Shingle: ND, Felt Paper: ND
	072		Center of South Side		Shingle: ND, Felt Paper: ND
	073		Southeast Corner		Shingle: ND, Felt Paper: ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
24	074	Grey Asphalt Shingles with Black Felt Paper	Southwest Corner	Shed in Back of 6016 Montgomery Road	Shingle: ND, Felt Paper: ND
	075		Center of West Side		Shingle: ND, Felt Paper: ND
	076		Northwest Corner		Shingle: ND, Felt Paper: ND
25	077	Asphalt Roof with Black Tar	Northeast corner	6016-6018 Montgomery Road Roof	Black Roof: 8.7% Chrysotile PC, Tar: 3.6% Chrysotile PC, Roof: ND, Tar: 4.2% Chrysotile PC, White Roof: ND, Tar: ND, Tar: 2.1% Chrysotile PC
	078		Northwest Corner		Black Roof: 8.4% Chrysotile PC, Tar: 2.3% Chrysotile PC, Black Roof: ND, Tar: ND, White Roof: ND, Tar: ND, Tar: 1.4% Chrysotile PC
	079		Southeast Corner		Black Roof: 8.6% Chrysotile PC, Tar: 2.6% Chrysotile PC, Black Roof: ND, Tar: ND, White Roof: ND, Tar: ND, Tar: 2.4% Chrysotile PC
26	080	Asphalt Flashing with Black Tar	Middle of East Wall	6016-6018 Montgomery Road Roof	White Roof: ND, Tar: ND, Black Flashing: 8.4% Chrysotile PC, Tar: 1.4% Chrysotile PC
	081		Center of Roof		White Roof: ND, Tar: ND, Black Flashing: 8.2% Chrysotile PC, Tar: 1.2% Chrysotile PC
	082		Middle of West Wall		White Roof: ND, Tar: ND, Black Flashing: 8.4% Chrysotile PC, Tar: 1.3% Chrysotile PC
27	083	Black Roof Patching	At Skylight	6016-6018 Montgomery Road Roof: On Seam of Roof	Roof: 9.4% Chrysotile PC, Tar: 1.1% Chrysotile PC, Tar: ND
	084		South Center		Roof: 8.8% Chrysotile PC, Tar: 0.75% Chrysotile PC, Tar: ND
	085		Middle of West Side		Roof: 9.1% Chrysotile PC, Tar: 0.75% Chrysotile PC, Tar: ND
28	086	Exterior White Caulking	West Side	6016-6018 Montgomery Road Seams on Skylight	ND
	087		Center		ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	088		East Side		ND
29	089	Exterior Grey Caulking with Black Tar/Mastic	Northwest Corner of Chimney	6016 Montgomery Road – Seams Around Northwest Chimney	Caulk: ND, Mastic: 0.5% Chrysotile PC
	090		Northwest Corner of Chimney		Caulk: ND, Mastic: 1.3% Chrysotile PC
	091		Northwest Corner of Chimney		Caulk: ND, Mastic: 1.1% Chrysotile PC
30	092	White Roof Patching with Black Mastic	Center of North Side of Roof	6016-6018 Montgomery Road North Center of Roof	Roof: ND, Mastic: 2.1% Chrysotile PC
	093		Center of North Side of Roof		Roof: ND, Mastic: Trace Chrysotile PC
	094		Center of North Side of Roof		Roof: ND, Mastic: Trace Chrysotile PC
31	095	White Caulking	Southwest Corner of Roof	6016-6018 Montgomery Road on Gutters	ND
	096		Southwest Corner of Roof		ND
	097		Southwest Corner of Roof		ND
32	098	Rubber EPDM Roofing with Brown Mastic	Center of North Side	6018 Montgomery Road Lower Roof	Roof: ND, Mastic: ND
	099		Center of North Roof		Roof: ND
	100		Center of South Roof		Roof: ND, Mastic: ND
33	101	Exterior Grey and Tan Window Caulking	Southeast Window	6016-6018 Montgomery Road Windows	Grey Caulk: ND, Tan Caulk: Trace Chrysotile PC
	102		Northeast Window		Grey Caulk: ND, Tan Caulk: 4.6% Chrysotile PC
	103		2 nd Floor East Patio Window		Grey: ND

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Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
34	104	Asphalt Roof with Tectum Gypsum Board	Northwest Corner	6024 Montgomery Road – Roof	Roof: ND, Roof: ND, Tectum: ND
	105		Northeast Corner		Roof Material: ND, Roof Material: ND, Roof Material: 25% Chrysotile, Tectum: ND
	106		Center of East Wall		Roof Material: ND, Tar: 10% Chrysotile, Roof Material: 30% Chrysotile, Roof Material: 20% Chrysotile
35	107	Grey Caulking	Southwest Corner of Roof	6024 Montgomery Road – Southwest Corner Chimney	ND
	108		Southwest Corner of Roof		ND
	109		Southwest Corner of Roof		ND
36	110	Asphalt Flashing	Southwest Corner of Roof	6024 Montgomery Road – Roof	Flashing: ND
	111		Southeast Corner of Roof		Flashing: ND
	112		Northwest Corner of Roof		Flashing: ND
37	113	White Tape with Black Tar	Southwest Corner of Roof	6024 Montgomery Road – Varies Locations on Parapet Wall	ND
	114		Northwest Corner of Roof		ND
	115		Northeast Corner of Roof		ND
38	116	White Caulking	Northeast Corner	6024 Montgomery Road – On Northeast Parapet Wall	ND
	117		North Middle Wall		ND
	118		North Middle Wall		ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
39	119	Black Caulking	Base of Vent Pipe	6024 Montgomery Road – Base of Vent Pipe on Roof	ND
	120		Base of Vent Pipe		ND
	121		Base of Vent Pipe		ND
40	122	Black Caulking	Northeast Corner	6024 Montgomery Road – Northeast Parapet Wall	ND
	123		Northeast Corner		ND
	124		Northeast Corner		ND
41	125	Asphalt Roof with Black Tar Paper	Southeast Corner	6024 Montgomery Road – South Lower Roof	Tar: ND, Roof: ND
	126		Southwest Corner		Tar: ND, Roof: ND
	127		Northeast Corner		Tar: ND, Roof: ND
42	128	Asphalt Flashing	East Side	6024 Montgomery Road – South Lower Roof	ND
	129		Middle of Roof		ND
	130		West Side		ND
43	131	White Flashing Caulking	East Side	6024 Montgomery Road – South Lower Roof	ND
	132		Middle of Roof		ND
	133		West Side		ND
44	134	Exterior Grey Window Caulking	2 nd Floor – South Wall – Southwest Window	6024 Montgomery	ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	135		2 nd Floor – South Wall – Southeast Window	Road – 2 nd Floor South Windows	10% Chrysotile
	136		2 nd Floor – East Wall – Southeast Window		8.3% Chrysotile PC
45	137	White Exterior Texture on CMU Block	Rear 2 nd Floor of Building	6024 Montgomery Road – Exterior Walls of Building	ND
	138		East Side Middle of 1 st Floor		ND
	139		East Side Near Southeast Corner		ND
	140		South Side of Southeast Corner of Addition		ND
	141		Middle of South Side		ND
	142		West Side Near Southwest Corner		ND
	143		Middle of West Side		ND
46	144	Textured Paint on Concrete Walls	Rear Entry Door of 6018 Montgomery Road	6016-6016 Montgomery Road – Exterior Walls	Paint: ND, Concrete: ND
	145		Rear Entry Door of 6016 Montgomery Road		Paint: ND, Concrete: ND
	146		Southwest Corner		Paint: ND, Concrete: ND
	147		South Side of West Wall		Paint: ND, Concrete: ND
	148		North Side of West Wall		Paint: ND, Concrete: ND
	149		Northwest Corner		Paint: ND, Concrete: ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	150		2 nd Floor Door Way at Rear of Building Near Southwest Apartment		Paint: ND, Concrete: ND
47	151	Exterior Grey Door Caulking	6016 Montgomery Road Rear Entry Door	6016-6018 Montgomery Road Rear Entry Door	ND
	152		6016 Montgomery Road Rear Entry Door		ND
	153		6018 Montgomery Road Rear Entry Door		ND
48	154	White Exterior Window Caulking	East Window	6024 Montgomery Road – 2 nd Floor Front Windows	1.7% Chrysotile PC
	155		Middle Window		1.2% Chrysotile PC
	156		West Window		1.3% Chrysotile PC
49	157	White Exterior Window Glazing	East Window	6024 Montgomery Road – 2 nd Floor Front Windows	ND
	158		Middle Window		ND
	159		West Window		ND
50	160	White Roofing with Yellow Glue and Black Tar	East Side	6024 Montgomery Road – Front Awning Roof	Roof: ND, Tar: ND: Glue: ND
	161		Middle of Roof		Roof: ND, Tar: ND: Glue: ND
	162		West Side		Roof: ND, Tar: ND: Glue: ND
51	163	Grey Exterior Caulking	East Side	6024 Montgomery Road – On Front Awning	ND
	164		Middle		ND

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Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	165		West Side		ND
52	166	Grey Exterior Window Caulking	East Side	6024 Montgomery Road – 1 st Floor Northeast Window	1.8% Chrysotile PC
	167		West Side		1.6% Chrysotile PC
	168		West Side		1.6% Chrysotile PC
53	169	Exterior Grey Door Caulking	East Side of Door	6024 Montgomery Road – Front Door	4.4% Chrysotile PC
	170		West Side of Door		4.2% Chrysotile PC
	171		West Side of Door		3.9% Chrysotile PC
54	172	Black Exterior Window Caulking	East Side	6024 Montgomery Road – Northwest Front Store Window	ND
	173		West Side		ND
	174		West Side		ND
55	175	Grey Exterior Window Glazing	Above East Window	6018 Montgomery Road Top Windows at the Front of the Store	ND
	176		Above East Window		ND
	177		Above West Window		ND
56	178	Grey Exterior Window Caulking	East Side of Window	6018 Montgomery Road Main Windows at the Front of the Store	3.4% Chrysotile PC
	179		East Side Near Doorway		ND
	180		West Side of Windows		ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
57	181	Grey Exterior Window Caulking	Window Above Entry to 6018 Montgomery Road	2 nd Floor Windows of 6016-6018 Montgomery Road	4.2% Chrysotile PC
	182		Window Above Entry to 6018 Montgomery Road		4.4% Chrysotile PC
	183		Window Above Entry to 6018 Montgomery Road		4.1% Chrysotile PC
58	184	Grey Exterior Door Caulking	East Side of Door	At Entry to 6016-6018 Montgomery Road 2 nd Floor Apartments	ND
	185		West Side of Door		ND
	186		West Side of Door		ND
59	187	Grey Exterior Window Caulking	East Side	6016 Montgomery Road Front Store Window	ND
	188		West Side		ND
	189		West Side		ND
6016 Montgomery Road 1 st Floor – Former Gregory Forrest Lester, Inc. Office Space					
60	190	12"x12" Black Vinyl Sheet Floor Tile with White Squall and Yellow Mastic	Middle of Area	Lobby	Vinyl Sheet Flooring: ND, Paper Backer: ND, Mastic: ND
	191		East Side		Vinyl Sheet Flooring: ND, Paper Backer: ND, Mastic: ND
	192		West Side		Vinyl Sheet Flooring: ND, Paper Backer: ND, Mastic: ND
61	193	2'x2' Small Fissure Ceiling Tile	Southeast Corner of Lobby	Lobby	ND
	194		South Middle of Lobby		ND
	195		Along North Wall in the Middle		ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
62	196	Unfinished Gypsum Board	Middle of Room	Above Ceilings on 1 st Floor	ND
	197		North End of Room		ND
	198		South End of Room		ND
63	199	Drywall System: Drywall and Joint Compound	Lobby Area on West Wall	Lobby	Drywall: ND, Joint Compound: ND
	200		Lobby Area on South Bulk Head		Drywall: ND, Joint Compound: ND
	201		Lobby Area in the Middle of East Wall		Drywall: ND, Joint Compound: ND
64	202	Plaster: Finished Coat and Base Coat	West Wall Above Ceiling Tile on South End	Throughout First Floor	Base Coat: ND, Finished Coat: ND
	203		Middle of West Wall		Base Coat: ND, Finished Coat: ND
	204		North Wall Above Windows		Base Coat: ND, Finished Coat: ND
	205		West Wall Near Basement Stairwell		Base Coat: ND, Finished Coat: ND
	206		West Wall Towards the North End		Base Coat: ND, Finished Coat: ND
65	207	Yellow Carpet Mastic	Northeast Corner	Throughout Area	ND
	208		Northwest Near Basement Steps		ND
	209		Southeast Corner Near Exit Door		ND
66	210	Rock Pattern Vinyl Sheet Flooring with Yellow Mastic and Grey Floor Leveler	At Entry to North Restroom	Restroom Floors	Vinyl Sheet Flooring: ND, Mastic: ND, Leveler: ND
	211		At Entry to North Restroom		Vinyl Sheet Flooring: ND, Mastic: ND, Leveler: ND

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Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	212		At Entry to South Restroom		Vinyl Sheet Flooring: ND, Mastic: ND
6016-6018 Montgomery Road Basement					
67	213	Aerocell Pipe Insulation	Northwest Room in 6016 Montgomery Road Basement	Throughout Basement and Hidden in Walls	60% Chrysotile
	214		South End of South Room in 6016 Montgomery Road Basement		60% Chrysotile
	215		South End and Near Restroom of 6018 Montgomery Road Basement		60% Chrysotile
68	216	White Hard Pipe Fittings	Northwest Room in 6016 Montgomery Road Basement	Throughout Basement and Hidden in Walls	60% Chrysotile
	217		South End of South Room in 6016 Montgomery Road Basement		60% Chrysotile
	218		South End and Near Restroom of 6018 Montgomery Road Basement		60% Chrysotile
69	219	Black Tar Paper	Middle of Northeast Room of Basement of 6016 Montgomery Road	Underneath Hard Wood Floors of 6016-6018 Montgomery Road	ND
	220		South Room on North Side of Basement of 6016 Montgomery Road		ND
	221		Middle of Northwest Room of Basement of 6018 Montgomery Road		ND
70	222	White Waterproofing	Northwest Stairwell		ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	223		Northwest Stairwell	Northwest and Northeast Stairwells	ND
	224		Northeast Stairwell		ND
71	225	Plaster Finished Coat on Gypsum Board	Doorway Between 6018 Montgomery Road and 6018 Montgomery Road	6018 Montgomery Road Basement Ceiling	ND
	226		Southeast Corner of North Room		ND
	227		Doorway Between North and South Rooms		ND
	228		Center of South Room		ND
	229		Exit to Rear of Building		ND
72	230	Corrugated Insulation Board	Above Boiler	6018 Montgomery Road – Basement Above Boiler	45% Chrysotile
	231		Above Boiler		45% Chrysotile
	232		Above Boiler		45% Chrysotile
73	233	Drywall System: Drywall and Joint Compound	Above Boiler	6018 Montgomery Road – Basement Near Boiler	Drywall: ND, Joint Compound: ND
	234		Above Boiler		Drywall: ND, Joint Compound: ND
	235		Near Exit Door		Drywall: ND, Joint Compound: ND
6018 Montgomery Road 1 st Floor - Former Beauty Salon					
74	236	12"x12" Black White Checkered Floor Tile	Near Rear Exit	Throughout	ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	237		Near Front Entrance		ND
	238		Doorway to Large Middle Room		ND
75	239	2'x4' Small Fissure Ceiling Tile	Above Rear Exit Door	South Room	ND
	240		Middle of Hallway		ND
	241		North End of Hallway		ND
76	242	Plaster Ceilings: Base Coat and Finished Coat	South Doorway in Salon Area	Throughout 1 st Floor Ceilings	Base Coat: ND, Finished Coat: ND
	243		West Wall of Salon		Base Coat: ND, Finished Coat: ND
	244		Center of Lobby		Base Coat: ND, Finished Coat: ND
	245		Southwest Corner of Lobby		Base Coat: ND, Finished Coat: ND
	246		West Wall of West Room		Base Coat: ND, Finished Coat: ND
	247		Southwest Corner of West Room		Base Coat: ND, Finished Coat: ND
	248		Southwest Corner of Salon Area		Base Coat: ND, Finished Coat: ND
77	249	Plaster Walls: Base Coat and Finished Coat	Center of Restroom	Throughout 1 st Floor Walls	Base Coat: ND, Finished Coat: ND
	250		Southwest Corner of West Room		Base Coat: ND, Finished Coat: ND
	251		Hallway Outside Restroom		Base Coat: ND, Finished Coat: ND
	252		Closet Next to Restroom		Base Coat: ND, Finished Coat: ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	253		South Rear Wall		Base Coat: ND, Finished Coat: ND
	254		East Lobby Wall		Base Coat: ND, Finished Coat: ND
	255		East Restroom Wall		Base Coat: ND, Finished Coat: ND
78	256	Textured Wall Coating	Northeast Corner of Salon Room	Throughout 1 st Floor Walls	ND
	257		Middle of East Wall of Salon Room		ND
	258		Southeast Corner of Salon Room		ND
	259		West of Rear Exit		ND
	260		East of Rear Exit		ND
	261		East of Rear Exit		ND
	262		Middle of Salon Above East Wall		ND
79	263	Drywall System: Drywall and Joint Compound	North Wall in Kitchen	Throughout Space	Drywall: ND, Joint Compound: ND
	264		Salon Room Under Texture in Southwest Corner		Drywall: ND, Joint Compound: ND
	265		Laundry Room in Southeast Corner		Drywall: ND, Joint Compound: ND
	266		Hall Outside Kitchen in Southwest Corner		Drywall: ND, Joint Compound: ND
	267		Front Room on South Middle Wall		Drywall: ND, Joint Compound: ND
	268		Front Room on South Wall		Drywall: ND, Joint Compound: ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	269		Northeast Corner of Salon Area		Drywall: ND, Joint Compound: ND
80	270	Textured Ceiling	Center of North Wall	Salon Area	ND
	271		Center of North Side		ND
	272		Center of Room		ND
	273		Center of South Side		ND
	274		Center of South Wall		ND
81	275	Blue Wood Board with Yellow Mastic	North End	Salon Room Along East Wall	Board: ND, Mastic: ND
	276		Middle		Board: ND, Mastic: ND
	277		South End		Board: ND, Mastic: ND
82	278	Carpet Mastic	West Room on South Side	West Side of Space	Carpet: ND, Mastic: ND
	279		Middle of West Room		Carpet: ND, Mastic: ND
	280		North End of West Room		Carpet: ND, Mastic: ND
83	281	12"x12" Green Ceramic Floor Tile, Mortar and Grout	At Entry	Restroom Floor	Ceramic: ND, Grout: ND, Mortar: ND
	282		At Entry		Ceramic: ND, Grout: ND, Mortar: ND
	283		At Entry		Ceramic: ND, Grout: ND, Mortar: ND
84	284	2'x4' Textured Pattern Ceiling Tile	Hallway Outside Restroom	Hallway Outside Restroom	ND

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Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	285		Hallway Outside Restroom		ND
	286		Hallway Outside Restroom		ND
85	287	Multi-Sized Green Ceramic Floor Tile with Mortar and Grout	Northeast Corner	Lobby to Apartments	Ceramic: ND, Grout: ND, Mortar: ND
	288		East of Entry Door		Ceramic: ND, Grout: ND, Mortar: ND
	289		East of Entry Door		Ceramic: ND, Grout: ND, Mortar: ND
86	290	4"x4" Green Ceramic Wall Tile with Mortar and Grout	Southwest Corner	Lobby to Apartments	Ceramic: ND, Grout: ND, Mortar: ND
	291		Northwest Corner		Ceramic: ND, Grout: ND, Mortar: ND
	292		Northeast Corner		Ceramic: ND, Grout: ND, Mortar: ND
6016-6018 Montgomery Road – 2 nd Floor Residential Apartments					
87	293	Yellow and Brown Carpet Mastic	At First Floor Landing	Hallways and Steps Outside Apartments	Yellow Mastic: ND
	294		At First Landing Between Floors		Yellow Mastic: ND, Carpet: ND, Brown Mastic: ND
	295		At Top of Steps on the North Side		Yellow Mastic: ND, Carpet: ND, Brown Mastic: ND
88	296	Plaster Ceilings: Base Coat and Finished Coat	Northeast Apartment – Northeast Corner of Living Room	Throughout Apartments	Base Coat: ND, Finished Coat: ND
	297		Northeast Apartment – Above Doorway to Kitchen		Finished Coat: ND
	298		North Hallway – Northeast Corner		Base Coat: ND, Finished Coat: ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	299		Northwest Apartment – Above Entry		Base Coat: ND, Finished Coat: ND
	300		Northwest Apartment – At Entry to Bedroom		Base Coat: ND, Finished Coat: ND
	301		Southeast Apartment – Northeast Corner of Kitchen		Base Coat: ND, Finished Coat: ND
	302		Southeast Apartment – Southwest Corner of Living Room		Base Coat: ND, Finished Coat: ND
89	303	Plaster Walls: Base Coat and Finish Coat	Northeast Apartment – Southwest Corner of Living Room	Throughout Apartments	Base Coat: ND, Finished Coat: ND
	304		Northeast Apartment – Above Kitchen Doorway		Finished Coat: ND
	305		North Hallway – Northeast Corner		Base Coat: ND, Finished Coat: ND
	306		Northwest Apartment – At Entry		Base Coat: ND, Finished Coat: ND
	307		Northwest Apartment – Northwest Corner of Bedroom		Base Coat: ND, Finished Coat: ND
	308		Southeast Apartment – North Wall of Bedroom		Base Coat: ND, Finished Coat: ND
	309		Southeast Apartment – Southwest Corner of Living Room		Base Coat: ND, Finished Coat: ND
90	310	Textured Ceilings	Northwest Corner of Dining Room in Northwest Apartment	Throughout Apartments	ND
	311		Northeast corner of Bedroom in		ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
			Northwest Apartment		
	312		North End of Living Room in Southwest Apartment		ND
	313		Middle of Southeast Apartment Restroom		ND
	314		Southeast Corner of Dining Room in Northeast Apartment		ND
	315		Southwest Corner of Living Room of Northeast Apartments		ND
	316		Northeast Corner of Dining Room of Northeast Apartment		ND
91	317	Wayne's Coating	North of Entry to Northeast Apartment	Hallway Walls of Apartments	ND
	318		South End of Hallway on East Wall		ND
	319		At Landing on West Wall		ND
92	320	12"x12" Peel and Stick Green Floor Tile with Yellow Mastic and Brown Felt Paper	At Entry to Kitchen	Northeast Apartment Kitchen	Floor Tile: ND, Mastic: ND, Paper: ND
	321		At Entry to Pantry		Floor Tile: ND, Mastic: ND, Paper: ND
	322		At Entry to Panty		Floor Tile: ND, Mastic: ND, Paper: ND
93	323	4"x4" White Ceramic Wall Tile with Brown Mastic and Grout	Northeast Apartment – East of Entry	Northeast Apartment and Northwest Apartment Kitchen	Ceramic: ND, Grout: ND, Mastic: ND
	324		Northeast Apartment – Northwest Corner		Ceramic: ND, Grout: ND, Mastic: 6.9% Chrysotile PC

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Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	325		Northwest Apartment – Southwest Corner		Ceramic: ND, Grout: ND, Mastic: 7.7% Chrysotile PC
94	326	Faux Ceramic Wall Tile Fiber Glass Reinforced Plastic with Yellow Mastic	Northeast Apartment – East of Entry to Kitchen	Backsplash in Northeast Apartment Kitchen	Fiber Glass Reinforced Plastic: ND, Mastic: ND, Plaster: ND
	327		Northeast Apartment – East of Entry to Kitchen		Fiber Glass Reinforced Plastic: ND, Mastic: ND, Plaster: ND
	328		Northeast Apartment – East of Entry to Kitchen		Fiber Glass Reinforced Plastic: ND, Mastic: ND, Plaster: ND
95	329	Yellow Vinyl Sheet Flooring with Black Tar Paper	At Entry to Pantry	Pantry of Northeast Apartment	Vinyl Sheet Flooring: ND, Paper: ND
	330		At Entry to Pantry		Vinyl Sheet Flooring: ND, Paper: ND
	331		At Entry to Pantry		Vinyl Sheet Flooring: ND, Paper: ND
96	332	12"x12" Grey Floor Tile with Yellow Mastic	Middle of Northeast Apartment Restroom	Northeast and Southeast Apartments Restroom Floors Under Floor Tile	Floor Tile: ND, Mastic: ND
	333		Middle of Southeast Apartment Restroom		Floor Tile: ND, Mastic: ND
	334		Middle of Southeast Apartment Restroom		Floor Tile: ND, Mastic: ND
97	335	1"x1: Hexagon Shaped Ceramic Floor Tile, Mortar and Grout	Middle of Southeast Apartment Restroom	Northeast and Southeast Apartments Restroom Floors Under Floor Tile (HA 96)	Ceramic: ND, Grout: ND, Mortar: ND, Mastic: ND
	336		Middle of Northeast Apartment Restroom		Ceramic: ND, Grout: ND, Mortar: ND, Mastic: ND
	337		Middle of Northeast Apartment Restroom		Ceramic: ND, Grout: ND, Mortar: ND, Mastic: ND
98	338	3"x6" White Ceramic Wall Tile and Grout	Southeast Apartment in Southwest Corner	Northeast and Southeast Apartment Restrooms	Ceramic: ND
	339		Northeast Apartment – East of Sink		Ceramic: ND, Grout: ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	340		Northeast Apartment – East of Sink		Ceramic: ND, Grout: ND
99	341	Yellow Mastic Behind Wood Panels	Northeast Apartment – South Room in Middle of South Wall	Throughout Apartments	ND
	342		Northwest Apartment - Northwest Room in Middle of West Wall		ND
	343		Southeast Apartment in Bedroom – Middle of North Wall		ND
100	344	Grey Rectangular Shaped Peel and Stick Floor Tile with Yellow Mastic	Northeast Corner	Northwest Apartment Kitchen Floor	Floor Tile: ND, Mastic: ND
	345		Southwest Corner		Floor Tile: ND, Mastic: ND
	346		Southeast Corner		Floor Tile: ND, Mastic: ND
101	347	White Caulking	West Side of Sink	Around Sink in Northwest Apartment	ND
	348		West Side of Sink		ND
	349		East Side of Sink		ND
102	350	White Multi-Sized Floor Tile with Mortar and Grout	At Doorway	Northwest Apartment Restroom	Ceramic: ND, Mortar: ND, Grout: ND
	351		At Doorway		Ceramic: ND, Grout: ND
	352		Middle of North Wall		Ceramic: ND, Mortar: ND, Grout: ND
103	353	4"x4" Ceramic Wall Tile with Mortar and Grout	Above Sink	Northwest Apartment Restroom	Ceramic: ND, Mastic: ND, Grout: ND
	354		Above Sink		Ceramic: ND, Mastic: ND, Grout: ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	355		Above Sink		Ceramic: ND, Mastic: ND
104	356	12"x12" Beige Peel and Stick Floor Tile with Yellow Mastic	Near Exit Door of Kitchen	Kitchen and Dining Room of Southeast Apartment	Floor Tile: ND, Mastic: ND
	357		Near Entry to Bedroom		Floor Tile: ND, Mastic: ND
	358		Near Entry to Dining Room From Living Room		Floor Tile: ND, Mastic: ND
105	359	2'x4' Textured Ceiling Tile	Southwest Corner	Living Room of Southeast Apartment	ND
	360		Middle of North Side		ND
	361		Southeast Corner		ND
106	362	2'x4' Small Fissure Ceiling Tile	Northeast Corner	Kitchen of Southeast Apartment	ND
	363		Southeast Corner		ND
	364		Southwest Corner		ND
107	365	Tan Vinyl Sheet Flooring with Yellow Mastic	In Attic Closet	Southwest Apartment Kitchen Floor and Hallway Entry Attic Closet	Flooring: ND, Mastic: ND
	366		In Attic Closet		Flooring: ND, Mastic: ND
	367		In Attic Closet		Flooring: ND, Mastic: ND
108	368	Brown Insulation	At Attic Hatch	Attic	ND
	369		At Attic Hatch		ND
	370		At Attic Hatch		ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	371		At Attic Hatch		ND
	372		At Attic Hatch		ND
	373		At Attic Hatch		ND
	374		At Attic Hatch		ND
6024 Montgomery Road – Interior					
109	375	Plaster Walls: Base Coat and Finished Coat	Northwest Side of West Wall	1 st Floor	Base Coat: ND, Finished Coat: ND
	376		Northeast Corner		Base Coat: ND, Finished Coat: ND
	377		Near Entry to South Stairwell		Base Coat: ND, Finished Coat: ND
110	378	Drywall System: Drywall and Joint Compound	Near Northeast Entry Door	North End of 1 st Floor	Drywall: ND, Joint Compound: ND
	379		Northeast Side of Store Window		Drywall: ND, Joint Compound: ND
	380		Northeast Side of Space		Drywall: ND, Joint Compound: ND
111	381	4" Brown Cove Base with Brown Mastic	Northwest Corner	1 st Floor	Cove Base: ND, Mastic: ND
	382		Near Northeast Entry		Cove Base: ND, Mastic: ND
	383		Near Restroom Entry		Cove Base: ND, Mastic: ND
112	384	4" Brown Cove Base with Brown Mastic	North Side of West Wall	Various Locations on 1 st Floor	Cove Base: ND, Mastic: ND
	385		Northwest Corner		Cove Base: ND, Mastic: ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	386		Northeast Corner		Cove Base: ND, Mastic: ND
113	387	White Mastic	South Exit Door	Back Door on 1 st Floor	ND
	388		South Exit Door		ND
	389		South Exit Door		ND
114	390	Paper Beneath Concrete Slab	North Center of Room	1 st Floor Ceiling	ND
	391		Center of Room		ND
	392		South Center of Room		ND
115	393	Black Floor Mastic and White Floor Leveler	Top of North Steps	Office Area on 2 nd Floor and 2 nd Floor Hallway	Black Mastic: ND, Floor Leveler: ND
	394		Northeast Corner of Office Area		Black Mastic: ND, Floor Leveler: ND
	395		Northwest Corner of Office Area		Black Mastic: ND, Floor Leveler: ND
116	396	Brown Mastic Behind Black Panels	Middle of West Wall	2 nd Floor Restroom on West Wall	Mastic: ND, Panel: ND
	397		Middle of West Wall		Mastic: ND, Panel: ND
	398		Middle of West Wall		Mastic: ND, Panel: ND
117	399	Plaster Ceilings: Base Coat and Finished Coat	Southeast Corner	2 nd Floor Ceilings in Office Area	Base Coat: ND, Finished Coat: ND, Textured: ND
	400		Northeast Corner		Base Coat: ND, Finished Coat: ND, Textured: ND
	401		Northwest Corner		Base Coat: ND, Finished Coat: ND, Textured: ND

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	402		Southwest Corner		Base Coat: ND, Finished Coat: ND, Textured: ND
	403		Center of Room		Base Coat: ND, Finished Coat: ND
118	404	Plaster Walls: Base Coat and Finished Coat	Southwest Corner of Office	2 nd Floor Walls	Base Coat: ND, Finished Coat: ND
	405		Southeast Corner of Office		Base Coat: ND, Finished Coat: ND
	406		Hallway Outside Restroom on East Wall		Base Coat: ND, Finished Coat: ND
	407		Near South Stairwell		Base Coat: ND, Finished Coat: ND
	408		Northwest Corner of South Room		Base Coat: ND, Finished Coat: ND
119	409	4" Black Cove Base	Northeast Corner	2 nd Floor Office Area	ND
	410		Northwest Corner		ND
	411		Southwest Corner		ND
120	412	Drywall System: Drywall and Joint Compound	West Side	2 nd Floor Office Area in Northwest Corner	Drywall: ND, Joint Compound: ND
	413		West Side		Drywall: ND, Joint Compound: ND
	414		East Side		Drywall: ND, Joint Compound: ND
121	415	White Textured Wall	North Wall in Center	2 nd Floor Office Area	Texture: ND, Finished Coat: ND
	416		Southwest Corner		Texture: ND, Finished Coat: ND
	417		East Wall of Office		Texture: ND, Finished Coat: ND

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Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
122	418	Black Floor Tile with Black Mastic	At Entry	2 nd Floor Northwest Closet	Floor Tile: 2.8% Chrysotile PC, Mastic: ND
	419		At Entry		Floor Tile: 2.5% Chrysotile PC, Mastic: ND
	420		At Entry		Floor Tile: 2.5% Chrysotile PC, Mastic: ND
123	421	Grey Interior Window Glazing	Southeast Corner	2 nd Floor Windows	ND
	422		Southeast Corner		ND
	423		Southwest Corner		ND
124	424	Fire Doors	South Door	2 nd Floor Stairwell Doors	ND
	425		North Door		ND
	426		North Door		ND
6016-6018 Montgomery Road – 2 nd Floor Residential Apartments					
125	427	Brown Mastic Underneath Metal Ceiling Panels	Northeast Corner	Kitchen Ceiling of Southeast Apartment	ND
	428		Southeast Corner		ND
	429		Northwest Corner		ND

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APPENDIX C

ASBESTOS ANALYTICAL LABORATORY DATA

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Client: TER940

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728419
Client No.: 1-001
Analyst Observation: Lt Tan Floor Tile
Client Description: 12"x12" Beige Floor Tile w/Black Mastic
Location: Main Sales Area At Entry Door
On N. Wall; 6010 Montgomery Road-
Former Convenience Store

Percent Asbestos:
PC Trace Chrysotile
Percent Non-Asbestos Fibrous Material:
None Detected
Facility:
Percent Non-Fibrous Material:
100

Sample/Layers analyzed by Ellen Smith, 3/08/19.

Lab No.: 6728419(L2)
Client No.: 1-001
Analyst Observation: Black Mastic
Client Description: 12"x12" Beige Floor Tile w/Black Mastic
Location: Main Sales Area At Entry Door
On N. Wall; 6010 Montgomery Road-
Former Convenience Store

Percent Asbestos:
PC 5.1 Chrysotile
Percent Non-Asbestos Fibrous Material:
None Detected
Facility:
Percent Non-Fibrous Material:
94.9

Lab No.: 6728420
Client No.: 1-002
Analyst Observation: Tan Floor Tile
Client Description: 12"x12" Beige Floor Tile w/Black Mastic
Location: Main Sales Area In Middle Rm;
6010 Montgomery Road-Former
Convenience Store

Percent Asbestos:
PC Trace Chrysotile
Percent Non-Asbestos Fibrous Material:
None Detected
Facility:
Percent Non-Fibrous Material:
100


Lab No.: 6728420(L2)
Client No.: 1-002
Analyst Observation: Black Mastic
Client Description: 12"x12" Beige Floor Tile w/Black Mastic
Location: Main Sales Area In Middle Rm;
6010 Montgomery Road-Former
Convenience Store

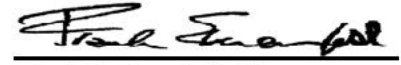
Percent Asbestos:
PC 5.7 Chrysotile
Percent Non-Asbestos Fibrous Material:
None Detected
Facility:
Percent Non-Fibrous Material:
94.3

Lab No.: 6728421
Client No.: 1-003
Analyst Observation: Tan Floor Tile
Client Description: 12"x12" Beige Floor Tile w/Black Mastic
Location: At Shower Rm Entry; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
PC 0.5 Chrysotile
Percent Non-Asbestos Fibrous Material:
None Detected
Facility:
Percent Non-Fibrous Material:
99.5

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/06/2019
Signature: 
Analyst: Kristen Goedde

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728421(L2)
Client No.: 1-003

Analyst Observation: Black Mastic
Client Description: 12"x12" Beige Floor Tile w/Black Mastic

Location: At Shower Rm Entry; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
PC 5.3 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
94.7

Lab No.: 6728422
Client No.: 2-004

Analyst Observation: Tan Ceiling Tile
Client Description: 2"x4" Bird Track Ceiling Tile

Location: Main Sales Area Near Center;
6010 Montgomery Road-Former
Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
30 Fibrous Glass
30 Cellulose

Facility:
Percent Non-Fibrous Material:
40

Lab No.: 6728423
Client No.: 2-005

Analyst Observation: Tan Ceiling Tile
Client Description: 2"x4" Bird Track Ceiling Tile

Location: Stock Area Along S. Wall; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
30 Fibrous Glass
30 Cellulose

Facility:
Percent Non-Fibrous Material:
40

Lab No.: 6728424
Client No.: 2-006

Analyst Observation: Tan Ceiling Tile
Client Description: 2"x4" Bird Track Ceiling Tile

Location: Shower Rm-Above Shower; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
30 Fibrous Glass
30 Cellulose

Facility:
Percent Non-Fibrous Material:
40


Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/06/2019

Signature: 
Analyst: Kristen Goedde

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728425
Client No.: 3-007

Analyst Observation: Black/Grey Caulk
Client Description: Black Interior Window Caulking

Location: NW Corner Of Sales Area; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
PC 1.4 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
98.6

Lab No.: 6728426
Client No.: 3-008

Analyst Observation: Black Caulk
Client Description: Black Interior Window Caulking

Location: Front Interior Side Of W Doors
At Bottom; 6010 Montgomery Road-Former
Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728427
Client No.: 3-009

Analyst Observation: Black/Grey Caulk
Client Description: Black Interior Window Caulking

Location: Front Interior Just Inside E Doors
At Top; 6010 Montgomery Road-Former
Convenience Store

Percent Asbestos:
PC 1.2 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
98.8

Lab No.: 6728428
Client No.: 4-010

Analyst Observation: Tan Floor Tile
Client Description: 12"x12" Cream Fl Tile Patch w/Black
Mastic

Location: Patch Area Of Sales Fl Towards
NE Side Of Sales Area; 6010 Montgomery
Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728428(L2)
Client No.: 4-010

Analyst Observation: Black Mastic
Client Description: 12"x12" Cream Fl Tile Patch w/Black
Mastic

Location: Patch Area Of Sales Fl Towards
NE Side Of Sales Area; 6010 Montgomery
Road-Former Convenience Store

Percent Asbestos:
PC 1.3 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
98.7

Please refer to the Appendix of this report for further information regarding your analysis.

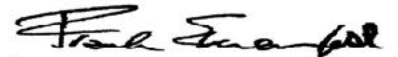
Date Received: 2/28/2019

Date Analyzed: 03/06/2019

Signature:

Analyst: Kristen Goedde

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS

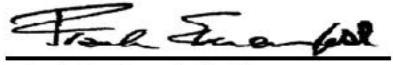
Client: Terracon 611 Lunken Park Drive Cincinnati OH 45226	Report Date: 3/7/2019 Report No.: 584587 - PLM Project: Montgomery Rd - Pleasant Ridge Project No.: N1197037
Client: TER940	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728429 Client No.: 4-011	Analyst Observation: Tan Floor Tile Client Description: 12"x12" Cream Fl Tile Patch w/Black Mastic	Location: Patch Area Of Sales Fl Towards NE Side Of Sales Area; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728429(L2) Client No.: 4-011	Analyst Observation: Black Mastic Client Description: 12"x12" Cream Fl Tile Patch w/Black Mastic	Location: Patch Area Of Sales Fl Towards NE Side Of Sales Area; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 98.9
Percent Asbestos: <i>PC 1.1 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728430 Client No.: 4-012	Analyst Observation: Tan Floor Tile Client Description: 12"x12" Cream Fl Tile Patch w/Black Mastic	Location: Patch Area Of Sales Fl Towards NE Side Of Sales Area; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728430(L2) Client No.: 4-012	Analyst Observation: Black Mastic Client Description: 12"x12" Cream Fl Tile Patch w/Black Mastic	Location: Patch Area Of Sales Fl Towards NE Side Of Sales Area; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 98.8
Percent Asbestos: <i>PC 1.2 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728431 Client No.: 5-013	Analyst Observation: White Wallboard Client Description: White Faux Tile Fiberglass Reinforced Plastic Board w/Yellow Mastic	Location: Above Sink; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/06/2019
Signature: 
Analyst: Kristen Goedde

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

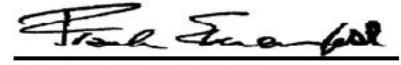
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728431(L2) Client No.: 5-013 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Yellow Mastic Client Description: White Faux Tile Fiberglass Reinforced Plastic Board w/Yellow Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Above Sink; 6010 Montgomery Road-Former Convenience Store Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728431(L3) Client No.: 5-013 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Caulk Client Description: White Faux Tile Fiberglass Reinforced Plastic Board w/Yellow Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Above Sink; 6010 Montgomery Road-Former Convenience Store Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728432 Client No.: 5-014 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Wallboard Client Description: White Faux Tile Fiberglass Reinforced Plastic Board w/Yellow Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Above Sink; 6010 Montgomery Road-Former Convenience Store Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728432(L2) Client No.: 5-014 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Yellow Mastic Client Description: White Faux Tile Fiberglass Reinforced Plastic Board w/Yellow Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Above Sink; 6010 Montgomery Road-Former Convenience Store Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728433 Client No.: 5-015 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Wallboard Client Description: White Faux Tile Fiberglass Reinforced Plastic Board w/Yellow Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Above Sink; 6010 Montgomery Road-Former Convenience Store Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728433(L2) Client No.: 5-015 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Yellow Mastic Client Description: White Faux Tile Fiberglass Reinforced Plastic Board w/Yellow Mastic <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: Above Sink; 6010 Montgomery Road-Former Convenience Store Facility: <u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/06/2019
Signature: 
Analyst: Kristen Goedde

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728434
Client No.: 6-016

Analyst Observation: Off-White Drywall
Client Description: Drywall System: Drywall And Joint Compound

Location: Exit Of Sales Area; 6010
Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
2 Cellulose

Facility:
Percent Non-Fibrous Material:
98

Lab No.: 6728434(L2)
Client No.: 6-016

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound

Location: Exit Of Sales Area; 6010
Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728435
Client No.: 6-017

Analyst Observation: Off-White Drywall
Client Description: Drywall System: Drywall And Joint Compound

Location: West Of Cooler; 6010
Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
2 Cellulose

Facility:
Percent Non-Fibrous Material:
98

Lab No.: 6728435(L2)
Client No.: 6-017

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound

Location: West Of Cooler; 6010
Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728436
Client No.: 6-018

Analyst Observation: Off-White Drywall
Client Description: Drywall System: Drywall And Joint Compound

Location: Above Drain In Hallway; 6010
Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
2 Cellulose

Facility:
Percent Non-Fibrous Material:
98

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/06/2019

Signature: 
Analyst: Kristen Goedde

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728436(L2)
Client No.: 6-018

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound

Location: Above Drain In Hallway; 6010 Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728437
Client No.: 6-019

Analyst Observation: Off-White Drywall
Client Description: Drywall System: Drywall And Joint Compound

Location: North Of Sinks In Hallway; 6010 Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728437(L2)
Client No.: 6-019

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound

Location: North Of Sinks In Hallway; 6010 Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728438
Client No.: 6-020

Analyst Observation: Off-White Drywall
Client Description: Drywall System: Drywall And Joint Compound

Location: Entry To Cashier Area; 6010 Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
2 Cellulose

Facility:
Percent Non-Fibrous Material:
98

Lab No.: 6728438(L2)
Client No.: 6-020

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound

Location: Entry To Cashier Area; 6010 Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

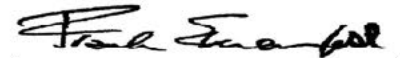
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Date Analyzed: 03/06/2019

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Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728439
Client No.: 6-021

Analyst Observation: Off-White Drywall
Client Description: Drywall System: Drywall And Joint Compound

Location: NW Corner Of Restrm; 6010 Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
2 Cellulose

Facility:
Percent Non-Fibrous Material:
98

Lab No.: 6728439(L2)
Client No.: 6-021

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound

Location: NW Corner Of Restrm; 6010 Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728440
Client No.: 6-022

Analyst Observation: Off-White Drywall
Client Description: Drywall System: Drywall And Joint Compound

Location: NE Corner Of Shower; 6010 Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
2 Cellulose

Facility:
Percent Non-Fibrous Material:
98

Lab No.: 6728440(L2)
Client No.: 6-022

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound

Location: NE Corner Of Shower; 6010 Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728441
Client No.: 7-023

Analyst Observation: Black Cove Base
Client Description: 4" Black Cove Base w/Brown Mastic

Location: W Side Of Cooler; 6010 Montgomery Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

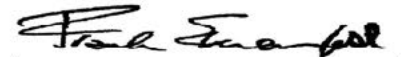
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Date Received: 2/28/2019

Date Analyzed: 03/06/2019

Signature: 
Analyst: Kristen Goedde

Approved By:


Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728441(L2)
Client No.: 7-023

Analyst Observation: Brown Mastic
Client Description: 4" Black Cove Base w/Brown Mastic

Location: W Side Of Cooler; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
PC Trace Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728442
Client No.: 7-024

Analyst Observation: Black Cove Base
Client Description: 4" Black Cove Base w/Brown Mastic

Location: SW Corner Of Coolers In Sales
Area; 6010 Montgomery Road-Former
Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728442(L2)
Client No.: 7-024

Analyst Observation: Brown Mastic
Client Description: 4" Black Cove Base w/Brown Mastic

Location: SW Corner Of Coolers In Sales
Area; 6010 Montgomery Road-Former
Convenience Store

Percent Asbestos:
PC Trace Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728443
Client No.: 7-025

Analyst Observation: Black Cove Base
Client Description: 4" Black Cove Base w/Brown Mastic

Location: Inside Cooler Entry; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728443(L2)
Client No.: 7-025

Analyst Observation: Brown Mastic
Client Description: 4" Black Cove Base w/Brown Mastic

Location: Inside Cooler Entry; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
PC Trace Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/06/2019

Signature: 
Analyst: Kristen Goedde

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728443(L3)
Client No.: 7-025

Analyst Observation: Yellow Caulk
Client Description: 4" Black Cove Base w/Brown Mastic

Location: Inside Cooler Entry; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728444
Client No.: 8-026

Analyst Observation: Grey Caulk
Client Description: Grey Interior Door Caulking

Location: W Side Of Doorway; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728445
Client No.: 8-027

Analyst Observation: Grey Caulk
Client Description: Grey Interior Door Caulking

Location: W Side Of Doorway; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728446
Client No.: 8-028

Analyst Observation: Grey Caulk
Client Description: Grey Interior Door Caulking

Location: E Side Of Doorway; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728447
Client No.: 9-029

Analyst Observation: White Cove Base
Client Description: 4" White Cove Base w/Yellow Mastic

Location: At Doorway; 6010 Montgomery
Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/06/2019

Signature: 
Analyst: Kristen Goedde

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

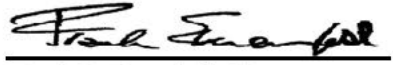
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728447(L2) Client No.: 9-029	Analyst Observation: Yellow Mastic Client Description: 4" White Cove Base w/Yellow Mastic	Location: At Doorway; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728448 Client No.: 9-030	Analyst Observation: White Cove Base Client Description: 4" White Cove Base w/Yellow Mastic	Location: SW Corner; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728448(L2) Client No.: 9-030	Analyst Observation: Yellow Mastic Client Description: 4" White Cove Base w/Yellow Mastic	Location: SW Corner; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728449 Client No.: 9-031	Analyst Observation: White Cove Base Client Description: 4" White Cove Base w/Yellow Mastic	Location: NE Corner; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728449(L2) Client No.: 9-031	Analyst Observation: Yellow Mastic Client Description: 4" White Cove Base w/Yellow Mastic	Location: NE Corner; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/06/2019
Signature: 
Analyst: Kristen Goedde

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS

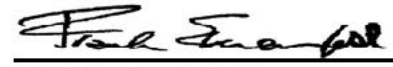
Client: Terracon 611 Lunken Park Drive Cincinnati OH 45226	Report Date: 3/7/2019 Report No.: 584587 - PLM Project: Montgomery Rd - Pleasant Ridge Project No.: N1197037
Client: TER940	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728450 Client No.: 10-032	Analyst Observation: Grey Vinyl Sheet Flooring Client Description: Grey Vinyl Sheet Floor Tile w/Cream Mastic	Location: Entry Of Restrm; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728450(L2) Client No.: 10-032	Analyst Observation: Tan Mastic Client Description: Grey Vinyl Sheet Floor Tile w/Cream Mastic	Location: Entry Of Restrm; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728451 Client No.: 10-033	Analyst Observation: Grey Vinyl Sheet Flooring Client Description: Grey Vinyl Sheet Floor Tile w/Cream Mastic	Location: SE Corner; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728451(L2) Client No.: 10-033	Analyst Observation: Tan Mastic Client Description: Grey Vinyl Sheet Floor Tile w/Cream Mastic	Location: SE Corner; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 98
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 2 Cellulose	
Lab No.: 6728452 Client No.: 10-034	Analyst Observation: Grey Vinyl Sheet Flooring Client Description: Grey Vinyl Sheet Floor Tile w/Cream Mastic	Location: SW Corner; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/06/2019
Signature: 
Analyst: Zach Schwartz

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

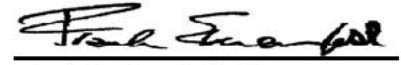
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728452(L2) Client No.: 10-034	Analyst Observation: Clear Mastic Client Description: Grey Vinyl Sheet Floor Tile w/Cream Mastic	Location: SW Corner; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728453 Client No.: 11-035	Analyst Observation: Yellow Caulk Client Description: Yellow Caulking	Location: SW Corner Of Shower; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728454 Client No.: 11-036	Analyst Observation: Yellow Caulk Client Description: Yellow Caulking	Location: SW Corner Of Shower; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728455 Client No.: 11-037	Analyst Observation: Yellow Caulk Client Description: Yellow Caulking	Location: SW Corner Of Shower; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728456 Client No.: 12-038	Analyst Observation: White Drywall Client Description: Drywall System: Drywall And Joint Compound	Location: SE Corner-Wall; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 3 Cellulose 2 Fibrous Glass	<u>Percent Non-Fibrous Material:</u> 95

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/06/2019
Signature: 
Analyst: Zach Schwartz

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS

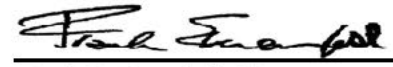
Client: Terracon 611 Lunken Park Drive Cincinnati OH 45226	Report Date: 3/7/2019 Report No.: 584587 - PLM Project: Montgomery Rd - Pleasant Ridge Project No.: N1197037
Client: TER940	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728456(L2) Client No.: 12-038	Analyst Observation: White Joint Compound Client Description: Drywall System: Drywall And Joint Compound	Location: SE Corner-Wall; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728457 Client No.: 12-039	Analyst Observation: White Drywall Client Description: Drywall System: Drywall And Joint Compound	Location: Middle Of S Wall On Ceiling; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 95
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 4 Cellulose 1 Fibrous Glass	
Lab No.: 6728457(L2) Client No.: 12-039	Analyst Observation: White Joint Compound Client Description: Drywall System: Drywall And Joint Compound	Location: Middle Of S Wall On Ceiling; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728458 Client No.: 12-040	Analyst Observation: White Drywall Client Description: Drywall System: Drywall And Joint Compound	Location: SW Corner-Wall; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 95
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 4 Cellulose 1 Fibrous Glass	
Lab No.: 6728458(L2) Client No.: 12-040	Analyst Observation: White Joint Compound Client Description: Drywall System: Drywall And Joint Compound	Location: SW Corner-Wall; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
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Analyst: Zach Schwartz

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

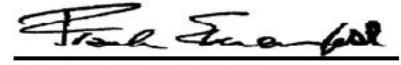
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728459 Client No.: 13-041	Analyst Observation: Blue Carpet Client Description: Yellow Carpet Mastic	Location: S Side; 6010 Montgomery Road- Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 95 Synthetic	5
Lab No.: 6728459(L2) Client No.: 13-041	Analyst Observation: Off-White Mastic Client Description: Yellow Carpet Mastic	Location: S Side; 6010 Montgomery Road- Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728460 Client No.: 13-042	Analyst Observation: Blue Carpet Client Description: Yellow Carpet Mastic	Location: At Entry; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 97 Synthetic	3
Lab No.: 6728460(L2) Client No.: 13-042	Analyst Observation: Tan Mastic Client Description: Yellow Carpet Mastic	Location: At Entry; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728461 Client No.: 13-043	Analyst Observation: Blue Carpet Client Description: Yellow Carpet Mastic	Location: N Side; 6010 Montgomery Road- Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 97 Synthetic	3
Lab No.: 6728461(L2) Client No.: 13-043	Analyst Observation: Tan Mastic Client Description: Yellow Carpet Mastic	Location: N Side; 6010 Montgomery Road- Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/06/2019
Signature: 
Analyst: Zach Schwartz

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728462
Client No.: 14-044

Analyst Observation: Gold Vermiculite
Client Description: Vermiculite

Location: SW Corner Of Hallway; 6010
Montgomery Road-Former Convenience
Store

Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
PC Trace Actinolite

Percent Non-Asbestos Fibrous Material:
None Detected

This sample contains vermiculite mineral and may be a candidate for additional analytical procedures. Please see the sections following your report titled Recommendations for Vermiculite Analysis.

Lab No.: 6728462(L2)
Client No.: 14-044

Analyst Observation: Grey Cementitious
Client Description: Vermiculite

Location: SW Corner Of Hallway; 6010
Montgomery Road-Former Convenience
Store

Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Lab No.: 6728463
Client No.: 14-045

Analyst Observation: Gold Vermiculite
Client Description: Vermiculite

Location: NW Corner Of Hallway; 6010
Montgomery Road-Former Convenience
Store

Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
PC Trace Actinolite

Percent Non-Asbestos Fibrous Material:
None Detected

This sample contains vermiculite mineral and may be a candidate for additional analytical procedures. Please see the sections following your report titled Recommendations for Vermiculite Analysis.

Lab No.: 6728463(L2)
Client No.: 14-045

Analyst Observation: Grey Cementitious
Client Description: Vermiculite

Location: NW Corner Of Hallway; 6010
Montgomery Road-Former Convenience
Store

Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

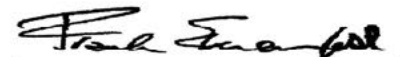
Date Received: 2/28/2019

Date Analyzed: 03/06/2019

Signature: 

Analyst: Tiffany Lowe

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

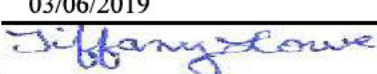
Client: TER940

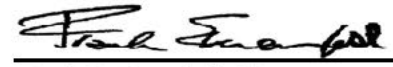
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728464 Client No.: 14-046	Analyst Observation: Gold Vermiculite Client Description: Vermiculite	Location: Middle Of E Wall In Sales Area; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>PC Trace Actinolite</i>	Percent Non-Asbestos Fibrous Material: None Detected	
This sample contains vermiculite mineral and may be a candidate for additional analytical procedures. Please see the sections following your report titled Recommendations for Vermiculite Analysis.		
Lab No.: 6728464(L2) Client No.: 14-046	Analyst Observation: Grey Cementitious Client Description: Vermiculite	Location: Middle Of E Wall In Sales Area; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728465 Client No.: 15-047	Analyst Observation: White Floor Tile Client Description: 12"x12" White Floor Tile w/Yellow Mastic	Location: At Entry From Sales Area Hallway; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728465(L2) Client No.: 15-047	Analyst Observation: Yellow Mastic Client Description: 12"x12" White Floor Tile w/Yellow Mastic	Location: At Entry From Sales Area Hallway; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728466 Client No.: 15-048	Analyst Observation: White Floor Tile Client Description: 12"x12" White Floor Tile w/Yellow Mastic	Location: NE Corner; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/06/2019
Signature: 
Analyst: Tiffany Lowe

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

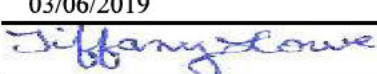
Client: TER940

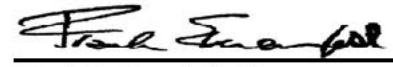
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728466(L2) Client No.: 15-048	Analyst Observation: Yellow Mastic Client Description: 12"x12" White Floor Tile w/Yellow Mastic	Location: NE Corner; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728467 Client No.: 15-049	Analyst Observation: White Floor Tile Client Description: 12"x12" White Floor Tile w/Yellow Mastic	Location: SE Corner; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728467(L2) Client No.: 15-049	Analyst Observation: Yellow Mastic Client Description: 12"x12" White Floor Tile w/Yellow Mastic	Location: SE Corner; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728467(L3) Client No.: 15-049	Analyst Observation: Grey Cementitious Client Description: 12"x12" White Floor Tile w/Yellow Mastic	Location: SE Corner; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728468 Client No.: 16-050	Analyst Observation: Black Caulk Client Description: Exterior Black Window Caulking	Location: West Side Of Window; 6010 Montgomery Road-Former Convenience Store Facility:
<u>Percent Asbestos:</u> <i>PC 1.1 Chrysotile</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 98.9

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/06/2019
Signature: 
Analyst: Tiffany Lowe

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

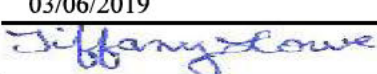
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

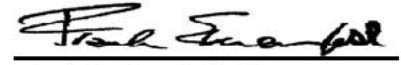
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728469 Client No.: 16-051	Analyst Observation: Black Caulk Client Description: Exterior Black Window Caulking	Location: Center Above Window; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 98.9
Percent Asbestos: <i>PC 1.1 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728470 Client No.: 16-052	Analyst Observation: Black Caulk Client Description: Exterior Black Window Caulking	Location: East Side Of Window; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 98.8
Percent Asbestos: <i>PC 1.2 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728470(L2) Client No.: 16-052	Analyst Observation: Dk Brown Caulk Client Description: Exterior Black Window Caulking	Location: East Side Of Window; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728471 Client No.: 17-053	Analyst Observation: Grey Caulk Client Description: Exterior Grey Expansion Wall Caulking	Location: NE Corner Of Bldg; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728472 Client No.: 17-054	Analyst Observation: Grey Caulk Client Description: Exterior Grey Expansion Wall Caulking	Location: NE Corner Of Bldg; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/06/2019
Signature: 
Analyst: Tiffany Lowe

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728473
Client No.: 17-055

Analyst Observation: Grey Caulk
Client Description: Exterior Grey Expansion Wall Caulking

Location: Center Of W Side Of Bldg; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728474
Client No.: 18-056

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Pulp Board

Location: SE Corner; 6010 Montgomery
Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
20 Synthetic
10 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
70

Lab No.: 6728474(L2)
Client No.: 18-056

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Pulp Board

Location: SE Corner; 6010 Montgomery
Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
20 Cellulose

Facility:
Percent Non-Fibrous Material:
80

Lab No.: 6728474(L3)
Client No.: 18-056

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Pulp Board

Location: SE Corner; 6010 Montgomery
Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728474(L4)
Client No.: 18-056

Analyst Observation: Brown Fiberboard
Client Description: Asphalt Roof w/Pulp Board

Location: SE Corner; 6010 Montgomery
Road-Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
80 Cellulose

Facility:
Percent Non-Fibrous Material:
20

Please refer to the Appendix of this report for further information regarding your analysis.

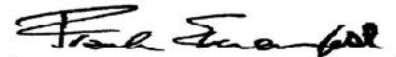
Date Received: 2/28/2019

Date Analyzed: 03/06/2019

Signature:

Analyst: Tiffany Lowe

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728475
Client No.: 18-057

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Pulp Board

Location: NE Corner; 6010 Montgomery
Road-Former Convenience Store
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
20 Synthetic
10 Fibrous Glass

Percent Non-Fibrous Material:
70

Lab No.: 6728475(L2)
Client No.: 18-057

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Pulp Board

Location: NE Corner; 6010 Montgomery
Road-Former Convenience Store
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
20 Cellulose

Percent Non-Fibrous Material:
80

Lab No.: 6728475(L3)
Client No.: 18-057

Analyst Observation: Brown Fiberboard
Client Description: Asphalt Roof w/Pulp Board

Location: NE Corner; 6010 Montgomery
Road-Former Convenience Store
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
80 Cellulose

Percent Non-Fibrous Material:
20

Lab No.: 6728476
Client No.: 18-058

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Pulp Board

Location: SW Corner; 6010 Montgomery
Road-Former Convenience Store
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
20 Synthetic
10 Fibrous Glass

Percent Non-Fibrous Material:
70

Lab No.: 6728476(L2)
Client No.: 18-058

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Pulp Board

Location: SW Corner; 6010 Montgomery
Road-Former Convenience Store
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
20 Cellulose

Percent Non-Fibrous Material:
80

Please refer to the Appendix of this report for further information regarding your analysis.

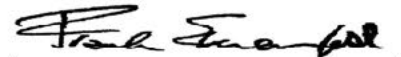
Date Received: 2/28/2019

Date Analyzed: 03/06/2019

Signature:

Analyst: Tiffany Lowe

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

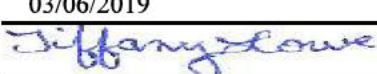
CERTIFICATE OF ANALYSIS

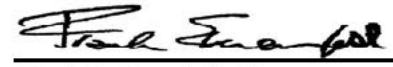
Client: Terracon 611 Lunken Park Drive Cincinnati OH 45226	Report Date: 3/7/2019 Report No.: 584587 - PLM Project: Montgomery Rd - Pleasant Ridge Project No.: N1197037
Client: TER940	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728476(L3) Client No.: 18-058	Analyst Observation: Brown Fiberboard Client Description: Asphalt Roof w/Pulp Board	Location: SW Corner; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 80 Cellulose	60
<hr/>		
Lab No.: 6728477 Client No.: 19-059	Analyst Observation: Black/White Roof Material Client Description: Black Tar And Asphalt Flashing	Location: SE Corner; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 40 Synthetic	60
<hr/>		
Lab No.: 6728477(L2) Client No.: 19-059	Analyst Observation: Black Shingle Client Description: Black Tar And Asphalt Flashing	Location: SE Corner; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 40 Cellulose	60
<hr/>		
Lab No.: 6728478 Client No.: 19-060	Analyst Observation: Black/White Roof Material Client Description: Black Tar And Asphalt Flashing	Location: SW Corner; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 40 Synthetic	60
<hr/>		
Lab No.: 6728478(L2) Client No.: 19-060	Analyst Observation: Black Shingle Client Description: Black Tar And Asphalt Flashing	Location: SW Corner; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 40 Cellulose	60

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/06/2019
Signature: 
Analyst: Tiffany Lowe

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728479
Client No.: 19-061

Analyst Observation: Black/White Roof Material
Client Description: Black Tar And Asphalt Flashing

Location: Center Of Roof At HVAC Entry;
6010 Montgomery Road-Former
Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
40 Synthetic

Facility:
Percent Non-Fibrous Material:
60

Lab No.: 6728479(L2)
Client No.: 19-061

Analyst Observation: Black Roof Material
Client Description: Black Tar And Asphalt Flashing

Location: Center Of Roof At HVAC Entry;
6010 Montgomery Road-Former
Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
60 Cellulose

Facility:
Percent Non-Fibrous Material:
40

Lab No.: 6728479(L3)
Client No.: 19-061

Analyst Observation: Black Shingle
Client Description: Black Tar And Asphalt Flashing

Location: Center Of Roof At HVAC Entry;
6010 Montgomery Road-Former
Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
40 Cellulose

Facility:
Percent Non-Fibrous Material:
60

Lab No.: 6728480
Client No.: 20-062

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Fiberglass Panels

Location: W Side; 6010 Montgomery Road-
Former Convenience Store

Percent Asbestos:
PC 1.3 Chrysotile

Percent Non-Asbestos Fibrous Material:
30 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
68.7

Lab No.: 6728480(L2)
Client No.: 20-062

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Fiberglass Panels

Location: W Side; 6010 Montgomery Road-
Former Convenience Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
10 Cellulose

Facility:
Percent Non-Fibrous Material:
90

Please refer to the Appendix of this report for further information regarding your analysis.

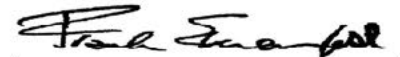
Date Received: 2/28/2019

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Analyst: Tiffany Lowe

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728480(L3)
Client No.: 20-062

Analyst Observation: Yellow Fibrous
Client Description: Asphalt Roof w/Fiberglass Panels

Location: W Side; 6010 Montgomery Road-
Former Convenience Store
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
99 Fibrous Glass

Percent Non-Fibrous Material:
1

Lab No.: 6728481
Client No.: 20-063

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Fiberglass Panels

Location: E Side; 6010 Montgomery Road-
Former Convenience Store
Facility:

Percent Asbestos:
PC 1.1 Chrysotile

Percent Non-Asbestos Fibrous Material:
30 Fibrous Glass

Percent Non-Fibrous Material:
68.9

Lab No.: 6728481(L2)
Client No.: 20-063

Analyst Observation: Black Tar
Client Description: Asphalt Roof w/Fiberglass Panels

Location: E Side; 6010 Montgomery Road-
Former Convenience Store
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728481(L3)
Client No.: 20-063

Analyst Observation: Yellow Fibrous
Client Description: Asphalt Roof w/Fiberglass Panels

Location: E Side; 6010 Montgomery Road-
Former Convenience Store
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
99 Fibrous Glass

Percent Non-Fibrous Material:
1

Lab No.: 6728482
Client No.: 20-064

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Fiberglass Panels

Location: Center Of Roof; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
PC 1.4 Chrysotile

Percent Non-Asbestos Fibrous Material:
40 Fibrous Glass

Percent Non-Fibrous Material:
58.6

Please refer to the Appendix of this report for further information regarding your analysis.

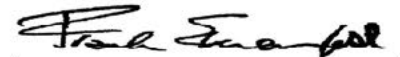
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Analyst: Tiffany Lowe

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728482(L2)
Client No.: 20-064

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Fiberglass Panels

Location: Center Of Roof; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
50 Cellulose

Facility:
Percent Non-Fibrous Material:
50

Lab No.: 6728482(L3)
Client No.: 20-064

Analyst Observation: Yellow Fibrous
Client Description: Asphalt Roof w/Fiberglass Panels

Location: Center Of Roof; 6010
Montgomery Road-Former Convenience
Store

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
99 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
1

Please refer to the Appendix of this report for further information regarding your analysis.


Date Received: 2/28/2019

Date Analyzed: 03/06/2019

Signature: 

Analyst: Tiffany Lowe

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

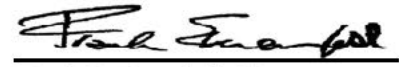
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728483 Client No.: 21-065	Analyst Observation: White Caulk Client Description: White Caulking	Location: Middle; 6010 Montgomery Road- Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728484 Client No.: 21-066	Analyst Observation: White Caulk Client Description: White Caulking	Location: East; 6010 Montgomery Road- Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728484(L2) Client No.: 21-066	Analyst Observation: Lt Blue Caulk Client Description: White Caulking	Location: East; 6010 Montgomery Road- Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728485 Client No.: 21-067	Analyst Observation: Lt Blue Caulk Client Description: White Caulking	Location: West; 6010 Montgomery Road- Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728485(L2) Client No.: 21-067	Analyst Observation: White/Grey Cementitious Client Description: White Caulking	Location: West; 6010 Montgomery Road- Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 1 Cellulose	Percent Non-Fibrous Material: 99
Lab No.: 6728486 Client No.: 22-068	Analyst Observation: Grey Caulk Client Description: Grey Expansion Caulking w/Black Caulking Beneath	Location: Center Of N Wall; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: Trace Cellulose	Percent Non-Fibrous Material: 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Michael Lagarde

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728486(L2)
Client No.: 22-068

Analyst Observation: White Caulk
Client Description: Grey Expansion Caulking w/Black
Caulking Beneath

Location: Center Of N Wall; 6010
Montgomery Road-Former Convenience
Store

Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Lab No.: 6728486(L3)
Client No.: 22-068

Analyst Observation: Tan Caulk
Client Description: Grey Expansion Caulking w/Black
Caulking Beneath

Location: Center Of N Wall; 6010
Montgomery Road-Former Convenience
Store

Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Lab No.: 6728486(L4)
Client No.: 22-068

Analyst Observation: Black Mastic
Client Description: Grey Expansion Caulking w/Black
Caulking Beneath

Location: Center Of N Wall; 6010
Montgomery Road-Former Convenience
Store

Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
PC Trace Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Lab No.: 6728486(L5)
Client No.: 22-068

Analyst Observation: Black Caulk
Client Description: Grey Expansion Caulking w/Black
Caulking Beneath

Location: Center Of N Wall; 6010
Montgomery Road-Former Convenience
Store

Facility:
Percent Non-Fibrous Material:
99

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Lab No.: 6728487
Client No.: 22-069

Analyst Observation: Grey Caulk
Client Description: Grey Expansion Caulking w/Black
Caulking Beneath

Location: Center Of N Wall; 6010
Montgomery Road-Former Convenience
Store

Facility:
Percent Non-Fibrous Material:
99

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Fibrous Glass
Trace Cellulose

Please refer to the Appendix of this report for further information regarding your analysis.

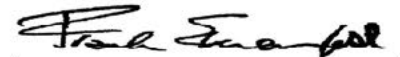
Date Received: 2/28/2019

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Signature:

Analyst: Michael Lagarde

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS

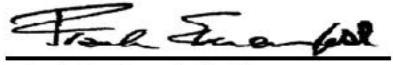
Client: Terracon 611 Lunken Park Drive Cincinnati OH 45226	Report Date: 3/7/2019 Report No.: 584587 - PLM Project: Montgomery Rd - Pleasant Ridge Project No.: N1197037
Client: TER940	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728487(L2) Client No.: 22-069	Analyst Observation: Grey Cementitious Client Description: Grey Expansion Caulking w/Black Caulking Beneath	Location: Center Of N Wall; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 99
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 1 Cellulose	
Lab No.: 6728487(L3) Client No.: 22-069	Analyst Observation: Black Caulk Client Description: Grey Expansion Caulking w/Black Caulking Beneath	Location: Center Of N Wall; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 99
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 1 Cellulose	
Lab No.: 6728488 Client No.: 22-070	Analyst Observation: Grey Caulk Client Description: Grey Expansion Caulking w/Black Caulking Beneath	Location: E Side Of Wall; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 99
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 1 Fibrous Glass Trace Cellulose	
Lab No.: 6728488(L2) Client No.: 22-070	Analyst Observation: Tan Caulk Client Description: Grey Expansion Caulking w/Black Caulking Beneath	Location: E Side Of Wall; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 6728488(L3) Client No.: 22-070	Analyst Observation: White Caulk Client Description: Grey Expansion Caulking w/Black Caulking Beneath	Location: E Side Of Wall; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Michael Lagarde

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS

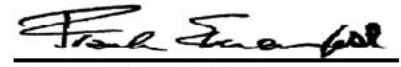
Client: Terracon 611 Lunken Park Drive Cincinnati OH 45226	Report Date: 3/7/2019 Report No.: 584587 - PLM Project: Montgomery Rd - Pleasant Ridge Project No.: N1197037
Client: TER940	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728488(L4) Client No.: 22-070	Analyst Observation: Grey Cementitious Client Description: Grey Expansion Caulking w/Black Caulking Beneath	Location: E Side Of Wall; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728488(L5) Client No.: 22-070	Analyst Observation: Black Caulk Client Description: Grey Expansion Caulking w/Black Caulking Beneath	Location: E Side Of Wall; 6010 Montgomery Road-Former Convenience Store Facility: Percent Non-Fibrous Material: 99
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 1 Cellulose	
Lab No.: 6728489 Client No.: 23-071	Analyst Observation: Black/Brown Shingle Client Description: Tan Asphalt Shingles w/Black Felt Paper	Location: SW Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 89
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 10 Fibrous Glass 1 Cellulose	
Lab No.: 6728489(L2) Client No.: 23-071	Analyst Observation: Black Felt Client Description: Tan Asphalt Shingles w/Black Felt Paper	Location: SW Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 35
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 65 Cellulose	
Lab No.: 6728490 Client No.: 23-072	Analyst Observation: Black/Brown Shingle Client Description: Tan Asphalt Shingles w/Black Felt Paper	Location: Center Of S Side; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 89
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 10 Fibrous Glass 1 Cellulose	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Michael Lagarde

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

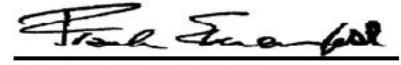
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728490(L2) Client No.: 23-072	Analyst Observation: Black Felt Client Description: Tan Asphalt Shingles w/Black Felt Paper	Location: Center Of S Side; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 65 Cellulose	<u>Percent Non-Fibrous Material:</u> 35
Lab No.: 6728491 Client No.: 23-073	Analyst Observation: Black/Brown Shingle Client Description: Tan Asphalt Shingles w/Black Felt Paper	Location: SE Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 10 Fibrous Glass 1 Cellulose	<u>Percent Non-Fibrous Material:</u> 89
Lab No.: 6728491(L2) Client No.: 23-073	Analyst Observation: Black Felt Client Description: Tan Asphalt Shingles w/Black Felt Paper	Location: SE Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 65 Cellulose	<u>Percent Non-Fibrous Material:</u> 35
Lab No.: 6728492 Client No.: 24-074	Analyst Observation: Black/Grey Shingle Client Description: Grey Asphalt Shingles w/Black Felt Paper	Location: SW Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 10 Fibrous Glass 1 Cellulose	<u>Percent Non-Fibrous Material:</u> 89
Lab No.: 6728492(L2) Client No.: 24-074	Analyst Observation: Black Felt Client Description: Grey Asphalt Shingles w/Black Felt Paper	Location: SW Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 65 Cellulose	<u>Percent Non-Fibrous Material:</u> 35

Please refer to the Appendix of this report for further information regarding your analysis.

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Signature: 
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Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

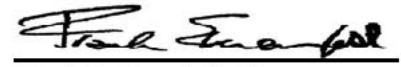
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728493 Client No.: 24-075	Analyst Observation: Black/Grey Shingle Client Description: Grey Asphalt Shingles w/Black Felt Paper	Location: Center Of W Side; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 10 Fibrous Glass 1 Cellulose	<u>Percent Non-Fibrous Material:</u> 89
Lab No.: 6728493(L2) Client No.: 24-075	Analyst Observation: Black Felt Client Description: Grey Asphalt Shingles w/Black Felt Paper	Location: Center Of W Side; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 65 Cellulose	<u>Percent Non-Fibrous Material:</u> 35
Lab No.: 6728494 Client No.: 24-076	Analyst Observation: Black/Grey Shingle Client Description: Grey Asphalt Shingles w/Black Felt Paper	Location: NW Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 10 Fibrous Glass 1 Cellulose	<u>Percent Non-Fibrous Material:</u> 89
Lab No.: 6728494(L2) Client No.: 24-076	Analyst Observation: Black Felt Client Description: Grey Asphalt Shingles w/Black Felt Paper	Location: NW Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 65 Cellulose	<u>Percent Non-Fibrous Material:</u> 35
Lab No.: 6728495 Client No.: 25-077	Analyst Observation: Black Roof Material Client Description: Asphalt Roof w/Black Tar	Location: NE Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>PC 8.7 Chrysotile</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 91.3

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Michael Lagarde

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728495(L2)
Client No.: 25-077

Analyst Observation: Black Tar
Client Description: Asphalt Roof w/Black Tar

Location: NE Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 3.6 Chrysotile

Percent Non-Asbestos Fibrous Material:
2 Fibrous Glass
1 Cellulose

Percent Non-Fibrous Material:
93.4

Lab No.: 6728495(L3)
Client No.: 25-077

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Black Tar

Location: NE Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
65 Fibrous Glass

Percent Non-Fibrous Material:
35

Lab No.: 6728495(L4)
Client No.: 25-077

Analyst Observation: Black Tar
Client Description: Asphalt Roof w/Black Tar

Location: NE Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 4.2 Chrysotile

Percent Non-Asbestos Fibrous Material:
1 Fibrous Glass

Percent Non-Fibrous Material:
94.8

Lab No.: 6728495(L5)
Client No.: 25-077

Analyst Observation: Black/White Roof Material
Client Description: Asphalt Roof w/Black Tar

Location: NE Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
10 Synthetic

Percent Non-Fibrous Material:
90

Lab No.: 6728495(L6)
Client No.: 25-077

Analyst Observation: Black Tar
Client Description: Asphalt Roof w/Black Tar

Location: NE Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728495(L7)
Client No.: 25-077

Analyst Observation: Black/Brown Tar
Client Description: Asphalt Roof w/Black Tar

Location: NE Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 2.1 Chrysotile

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Percent Non-Fibrous Material:
96.9

Please refer to the Appendix of this report for further information regarding your analysis.


Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Michael Lagarde

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Client: TER940

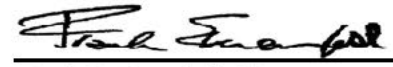
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728496 Client No.: 25-078	Analyst Observation: Black Roof Material Client Description: Asphalt Roof w/Black Tar	Location: NW Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 81.6
Percent Asbestos: <i>PC 8.4 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: 10 Cellulose	
Lab No.: 6728496(L2) Client No.: 25-078	Analyst Observation: Black Tar Client Description: Asphalt Roof w/Black Tar	Location: NW Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 96.7
Percent Asbestos: <i>PC 2.3 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: 1 Cellulose	
Lab No.: 6728496(L3) Client No.: 25-078	Analyst Observation: Black Roof Material Client Description: Asphalt Roof w/Black Tar	Location: NW Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 90
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 10 Fibrous Glass	
Lab No.: 6728496(L4) Client No.: 25-078	Analyst Observation: Black Tar Client Description: Asphalt Roof w/Black Tar	Location: NW Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728496(L5) Client No.: 25-078	Analyst Observation: Black/White Roof Material Client Description: Asphalt Roof w/Black Tar	Location: NW Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 90
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 10 Synthetic	
Lab No.: 6728496(L6) Client No.: 25-078	Analyst Observation: Black Tar Client Description: Asphalt Roof w/Black Tar	Location: NW Corner; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 99
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 1 Cellulose	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Michael Lagarde

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728496(L7)
Client No.: 25-078

Analyst Observation: Black Tar
Client Description: Asphalt Roof w/Black Tar

Location: NW Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 1.4 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
98.6

Lab No.: 6728497
Client No.: 25-079

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Black Tar

Location: SE Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 8.6 Chrysotile

Percent Non-Asbestos Fibrous Material:
10 Cellulose

Percent Non-Fibrous Material:
81.4

Lab No.: 6728497(L2)
Client No.: 25-079

Analyst Observation: Black Tar
Client Description: Asphalt Roof w/Black Tar

Location: SE Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 2.6 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
97.4

Lab No.: 6728497(L3)
Client No.: 25-079

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof w/Black Tar

Location: SE Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
10 Fibrous Glass

Percent Non-Fibrous Material:
90

Lab No.: 6728497(L4)
Client No.: 25-079

Analyst Observation: Black Tar
Client Description: Asphalt Roof w/Black Tar

Location: SE Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728497(L5)
Client No.: 25-079

Analyst Observation: Black/White Roof Material
Client Description: Asphalt Roof w/Black Tar

Location: SE Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
10 Synthetic

Percent Non-Fibrous Material:
90

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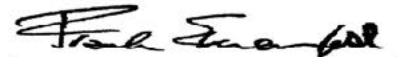
Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Michael Lagarde

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

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611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728497(L6)
Client No.: 25-079

Analyst Observation: Black Tar
Client Description: Asphalt Roof w/Black Tar

Location: SE Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Percent Non-Fibrous Material:
99

Lab No.: 6728497(L7)
Client No.: 25-079

Analyst Observation: Black Tar
Client Description: Asphalt Roof w/Black Tar

Location: SE Corner; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 2.4 Chrysotile

Percent Non-Asbestos Fibrous Material:
2 Cellulose

Percent Non-Fibrous Material:
95.6

Lab No.: 6728498
Client No.: 26-080

Analyst Observation: Black/White Roof Material
Client Description: Asphalt Flashing w/Black Tar

Location: Middle Of East Wall; 6016-6018,
6024 Montgomery Road- Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
10 Synthetic

Percent Non-Fibrous Material:
90

Lab No.: 6728498(L2)
Client No.: 26-080

Analyst Observation: Black Tar
Client Description: Asphalt Flashing w/Black Tar

Location: Middle Of East Wall; 6016-6018,
6024 Montgomery Road- Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728498(L3)
Client No.: 26-080

Analyst Observation: Black Roof Material
Client Description: Asphalt Flashing w/Black Tar

Location: Middle Of East Wall; 6016-6018,
6024 Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 8.4 Chrysotile

Percent Non-Asbestos Fibrous Material:
7 Cellulose

Percent Non-Fibrous Material:
84.6

Lab No.: 6728498(L4)
Client No.: 26-080

Analyst Observation: Black Tar
Client Description: Asphalt Flashing w/Black Tar

Location: Middle Of East Wall; 6016-6018,
6024 Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 1.4 Chrysotile

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Percent Non-Fibrous Material:
97.6

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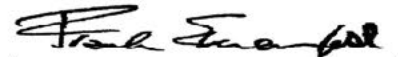
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Signature:

Analyst: Michael Lagarde

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

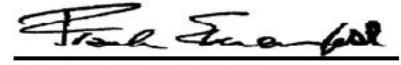
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728499 Client No.: 26-081	Analyst Observation: Black/White Roof Material Client Description: Asphalt Flashing w/Black Tar	Location: Center Of Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 90
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 10 Synthetic	
Lab No.: 6728499(L2) Client No.: 26-081	Analyst Observation: Black Tar Client Description: Asphalt Flashing w/Black Tar	Location: Center Of Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728499(L3) Client No.: 26-081	Analyst Observation: Black Roof Material Client Description: Asphalt Flashing w/Black Tar	Location: Center Of Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 86.8
Percent Asbestos: <i>PC 8.2 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: 5 Cellulose	
Lab No.: 6728499(L4) Client No.: 26-081	Analyst Observation: Black Tar Client Description: Asphalt Flashing w/Black Tar	Location: Center Of Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 97.8
Percent Asbestos: <i>PC 1.2 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: 1 Cellulose	
Lab No.: 6728500 Client No.: 26-082	Analyst Observation: Black/White Roof Material Client Description: Asphalt Flashing w/Black Tar	Location: Middle Of W Wall; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 90
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 10 Synthetic	
Lab No.: 6728500(L2) Client No.: 26-082	Analyst Observation: Black Tar Client Description: Asphalt Flashing w/Black Tar	Location: Middle Of W Wall; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Michael Lagarde

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728500(L3)
Client No.: 26-082

Analyst Observation: Black Roof Material
Client Description: Asphalt Flashing w/Black Tar

Location: Middle Of W Wall; 6016-6018,
6024 Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 8.4 Chrysotile

Percent Non-Asbestos Fibrous Material:
7 Cellulose

Percent Non-Fibrous Material:
84.6

Lab No.: 6728500(L4)
Client No.: 26-082

Analyst Observation: Black Tar
Client Description: Asphalt Flashing w/Black Tar

Location: Middle Of W Wall; 6016-6018,
6024 Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 1.3 Chrysotile

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Percent Non-Fibrous Material:
97.7

Lab No.: 6728501
Client No.: 27-083

Analyst Observation: Black Roof Material
Client Description: Black Roof Patching

Location: At Skylight; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 9.4 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
90.6

Lab No.: 6728501(L2)
Client No.: 27-083

Analyst Observation: Black Tar
Client Description: Black Roof Patching

Location: At Skylight; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 1.1 Chrysotile

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Percent Non-Fibrous Material:
97.9

Lab No.: 6728501(L3)
Client No.: 27-083

Analyst Observation: Black Tar
Client Description: Black Roof Patching

Location: At Skylight; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728502
Client No.: 27-084

Analyst Observation: Black Roof Material
Client Description: Black Roof Patching

Location: South Center; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 8.8 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
91.2

Please refer to the Appendix of this report for further information regarding your analysis.


Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Michael Lagarde

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728502(L2)
Client No.: 27-084

Analyst Observation: Black Tar
Client Description: Black Roof Patching

Location: South Center; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 0.75 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
99.25

Lab No.: 6728502(L3)
Client No.: 27-084

Analyst Observation: Black Tar
Client Description: Black Roof Patching

Location: South Center; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Percent Non-Fibrous Material:
99

Lab No.: 6728503
Client No.: 27-085

Analyst Observation: Black Roof Material
Client Description: Black Roof Patching

Location: Middle Of W Side; 6016-6018,
6024 Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 9.1 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
90.9

Lab No.: 6728503(L2)
Client No.: 27-085

Analyst Observation: Black Tar
Client Description: Black Roof Patching

Location: Middle Of W Side; 6016-6018,
6024 Montgomery Road- Exterior
Facility:

Percent Asbestos:
PC 0.75 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
99.25

Lab No.: 6728503(L3)
Client No.: 27-085

Analyst Observation: Black Tar
Client Description: Black Roof Patching

Location: Middle Of W Side; 6016-6018,
6024 Montgomery Road- Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Percent Non-Fibrous Material:
99

Lab No.: 6728504
Client No.: 28-086

Analyst Observation: White Caulk
Client Description: Exterior White Caulking

Location: W Side; 6016-6018, 6024
Montgomery Road- Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

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Date Analyzed: 03/07/2019

Signature:

Analyst: Michael Lagarde

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

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611 Lunken Park Drive
Cincinnati OH 45226


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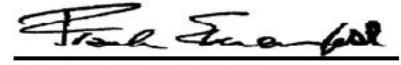
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728505 Client No.: 28-087	Analyst Observation: White Caulk Client Description: Exterior White Caulking	Location: Center; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728506 Client No.: 28-088	Analyst Observation: White Caulk Client Description: Exterior White Caulking	Location: E Side; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728507 Client No.: 29-089	Analyst Observation: Grey Caulk Client Description: Exterior Grey Caulking	Location: NW Corner Of Chimney; 6016- 6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728507(L2) Client No.: 29-089	Analyst Observation: Black Mastic Client Description: Exterior Grey Caulking	Location: NW Corner Of Chimney; 6016- 6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 99.5
Percent Asbestos: <i>PC 0.5 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728508 Client No.: 29-090	Analyst Observation: Grey Caulk Client Description: Exterior Grey Caulking	Location: NW Corner Of Chimney; 6016- 6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728508(L2) Client No.: 29-090	Analyst Observation: Black Mastic Client Description: Exterior Grey Caulking	Location: NW Corner Of Chimney; 6016- 6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 98.7
Percent Asbestos: <i>PC 1.3 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	

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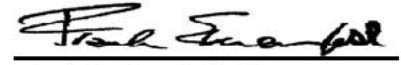
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728509 Client No.: 29-091	Analyst Observation: Grey Caulk Client Description: Exterior Grey Caulking	Location: NW Corner Of Chimney; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728509(L2) Client No.: 29-091	Analyst Observation: Black Mastic Client Description: Exterior Grey Caulking	Location: NW Corner Of Chimney; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>PC 1.1 Chrysotile</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 98.9
Lab No.: 6728510 Client No.: 30-092	Analyst Observation: White Roof Material Client Description: White Roof Patching	Location: Center Of N Side Of Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 3 Talc 1 Fibrous Glass	<u>Percent Non-Fibrous Material:</u> 96
Lab No.: 6728510(L2) Client No.: 30-092	Analyst Observation: Black Mastic Client Description: White Roof Patching	Location: Center Of N Side Of Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>PC 2.1 Chrysotile</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 97.9
Lab No.: 6728511 Client No.: 30-093	Analyst Observation: White Roof Material Client Description: White Roof Patching	Location: Center Of N Side Of Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 3 Talc 1 Fibrous Glass	<u>Percent Non-Fibrous Material:</u> 96

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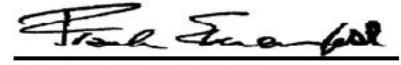
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728511(L2) Client No.: 30-093	Analyst Observation: Black Mastic Client Description: White Roof Patching	Location: Center Of N Side Of Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>PC Trace Chrysotile</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728512 Client No.: 30-094	Analyst Observation: White Roof Material Client Description: White Roof Patching	Location: Center Of N Side Of Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 3 Talc 1 Fibrous Glass	<u>Percent Non-Fibrous Material:</u> 96
Lab No.: 6728512(L2) Client No.: 30-094	Analyst Observation: Black Mastic Client Description: White Roof Patching	Location: Center Of N Side Of Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>PC Trace Chrysotile</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728513 Client No.: 31-095	Analyst Observation: Off-White/Tan Caulk Client Description: White Caulking	Location: SW Corner Of Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> Trace Talc	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728514 Client No.: 31-096	Analyst Observation: Off-White/Tan Caulk Client Description: White Caulking	Location: SW Corner Of Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> Trace Talc	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728515 Client No.: 31-097	Analyst Observation: Off-White/Tan Caulk Client Description: White Caulking	Location: SW Corner Of Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> Trace Talc	<u>Percent Non-Fibrous Material:</u> 100

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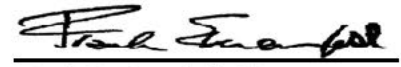
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728516 Client No.: 32-098	Analyst Observation: Black Rubber Client Description: Rubber EPDM Roofing w/Brown Mastic	Location: Center Of N Side; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728516(L2) Client No.: 32-098	Analyst Observation: Brown Mastic Client Description: Rubber EPDM Roofing w/Brown Mastic	Location: Center Of N Side; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728517 Client No.: 32-098	Analyst Observation: Black Rubber Client Description: Rubber EPDM Roofing w/Brown Mastic	Location: Center Of N Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728518 Client No.: 32-100	Analyst Observation: Black Rubber Client Description: Rubber EPDM Roofing w/Brown Mastic	Location: Center Of S Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728518(L2) Client No.: 32-100	Analyst Observation: Tan Mastic Client Description: Rubber EPDM Roofing w/Brown Mastic	Location: Center Of S Roof; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728519 Client No.: 33-101	Analyst Observation: Off-White/Grey Caulk Client Description: Exterior Grey Window Caulking	Location: SE Window; 6016-6018, 6024 Montgomery Road- Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

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Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Michael Lagarde

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

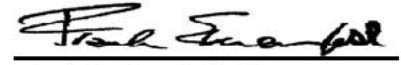
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728519(L2) Client No.: 33-101	Analyst Observation: Grey/Tan Cementitious Client Description: Exterior Grey Window Caulking	Location: SE Window; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>PC Trace Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728520 Client No.: 33-102	Analyst Observation: Off-White/Grey Caulk Client Description: Exterior Grey Window Caulking	Location: NE Window; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728520(L2) Client No.: 33-102	Analyst Observation: Tan Glazing Client Description: Exterior Grey Window Caulking	Location: NE Window; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 95.4
Percent Asbestos: <i>PC 4.6 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728521 Client No.: 33-103	Analyst Observation: Off-White/Grey Caulk Client Description: Exterior Grey Window Caulking	Location: 2nd Floor E Patio Window; 6016-6018, 6024 Montgomery Road- Exterior Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

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Analyst: Michael Lagarde

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728522
Client No.: 34-104

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof With Tectum Board

Location: NW Corner; 6024 Montgomery Rd

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
25 Cellulose

Facility:
Percent Non-Fibrous Material:
75

Lab No.: 6728522(L2)
Client No.: 34-104

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof With Tectum Board

Location: NW Corner; 6024 Montgomery Rd

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
30 Synthetic

Facility:
Percent Non-Fibrous Material:
70

Lab No.: 6728522(L3)
Client No.: 34-104

Analyst Observation: Grey Plaster
Client Description: Asphalt Roof With Tectum Board

Location: NW Corner; 6024 Montgomery Rd

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
10 Cellulose

Facility:
Percent Non-Fibrous Material:
90

Lab No.: 6728523
Client No.: 34-105

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof With Tectum Board

Location: NE Corner; 6024 Montgomery Rd

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
15 Synthetic

Facility:
Percent Non-Fibrous Material:
85

Lab No.: 6728523(L2)
Client No.: 34-105

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof With Tectum Board

Location: NE Corner; 6024 Montgomery Rd

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
30 Cellulose

Facility:
Percent Non-Fibrous Material:
70

Lab No.: 6728523(L3)
Client No.: 34-105

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof With Tectum Board

Location: NE Corner; 6024 Montgomery Rd

Percent Asbestos:
None Detected


Percent Non-Asbestos Fibrous Material:
30 Cellulose

Facility:
Percent Non-Fibrous Material:
70

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Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 

Analyst: Rebecca Hargrove

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728523(L4)
Client No.: 34-105

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof With Tectum Board

Location: NE Corner; 6024 Montgomery Rd

Percent Asbestos:
25 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
75

Lab No.: 6728523(L5)
Client No.: 34-105

Analyst Observation: Grey Plaster
Client Description: Asphalt Roof With Tectum Board

Location: NE Corner; 6024 Montgomery Rd

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
10 Cellulose

Facility:
Percent Non-Fibrous Material:
90

Lab No.: 6728524
Client No.: 34-106

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof With Tectum Board

Location: Center Of East Wall; 6024 Montgomery Rd

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
20 Synthetic

Facility:
Percent Non-Fibrous Material:
80

Lab No.: 6728524(L2)
Client No.: 34-106

Analyst Observation: Black Tar
Client Description: Asphalt Roof With Tectum Board

Location: Center Of East Wall; 6024 Montgomery Rd

Percent Asbestos:
10 Chrysotile

Percent Non-Asbestos Fibrous Material:
10 Cellulose

Facility:
Percent Non-Fibrous Material:
80

Lab No.: 6728524(L3)
Client No.: 34-106

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof With Tectum Board

Location: Center Of East Wall; 6024 Montgomery Rd

Percent Asbestos:
30 Chrysotile

Percent Non-Asbestos Fibrous Material:
10 Cellulose

Facility:
Percent Non-Fibrous Material:
60

Lab No.: 6728524(L4)
Client No.: 34-106

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof With Tectum Board

Location: Center Of East Wall; 6024 Montgomery Rd

Percent Asbestos:
20 Chrysotile


Percent Non-Asbestos Fibrous Material:
20 Cellulose

Facility:
Percent Non-Fibrous Material:
60

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Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 

Analyst: Rebecca Hargrove

Approved By:



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Laboratory Director

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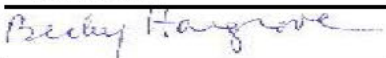
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Project No.: N1197037

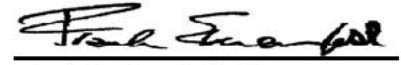
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728525 Client No.: 35-107	Analyst Observation: Grey Caulk Client Description: Grey Caulking	Location: SW Corner Of Roof, SW Corner Chimney; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728526 Client No.: 35-108	Analyst Observation: Grey Caulk Client Description: Grey Caulking	Location: SW Corner Of Roof, SW Corner Chimney; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728527 Client No.: 35-109	Analyst Observation: Grey Caulk Client Description: Grey Caulking	Location: SW Corner Of Roof, SW Corner Chimney; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728528 Client No.: 36-110	Analyst Observation: Black Roof Material Client Description: Asphalt Flashing	Location: SW Corner Of Roof; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 25 Synthetic 5 Cellulose	<u>Percent Non-Fibrous Material:</u> 70
Lab No.: 6728528(L2) Client No.: 36-110	Analyst Observation: Black Roof Material Client Description: Asphalt Flashing	Location: SW Corner Of Roof; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 30 Synthetic	<u>Percent Non-Fibrous Material:</u> 70

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Date Received: 2/28/2019
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Approved By: 
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Laboratory Director

CERTIFICATE OF ANALYSIS

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611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
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Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728529
Client No.: 36-111

Analyst Observation: Black Roof Material
Client Description: Asphalt Flashing

Location: SE Corner Of Roof; 6024
Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
25 Synthetic
5 Cellulose

Percent Non-Fibrous Material:
70

Lab No.: 6728530
Client No.: 36-112

Analyst Observation: Black Roof Material
Client Description: Asphalt Flashing

Location: NW Corner Of Roof; 6024
Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
25 Synthetic
5 Cellulose

Percent Non-Fibrous Material:
70

Lab No.: 6728531
Client No.: 37-113

Analyst Observation: Silver/Black Tar
Client Description: White Tape With Black Tar

Location: SW Corner Of Roof, Parapet
Wall; 6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728532
Client No.: 37-114

Analyst Observation: Silver/Black Tar
Client Description: White Tape With Black Tar

Location: NW Corner Of Roof, Parapet
Wall; 6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728533
Client No.: 37-115

Analyst Observation: Silver/Black Tar
Client Description: White Tape With Black Tar

Location: NE Corner Of Roof, NE Parapet
Wall; 6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

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Laboratory Director

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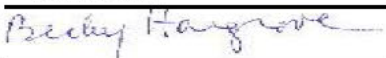
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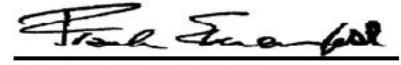
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728534 Client No.: 38-116	Analyst Observation: White Caulk Client Description: White Caulking	Location: NE Corner, NE Parapet Wall; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728535 Client No.: 38-117	Analyst Observation: Grey/Black Caulk Client Description: White Caulking	Location: North Middle Wall, NE Parapet Wall; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 10 Wollastonite	<u>Percent Non-Fibrous Material:</u> 90
Lab No.: 6728536 Client No.: 38-118	Analyst Observation: White Caulk Client Description: White Caulking	Location: North Middle Wall, NE Parapet Wall; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728537 Client No.: 39-119	Analyst Observation: Black Caulk Client Description: Black Caulking	Location: Base Of Vent Pipe, Roof; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728538 Client No.: 39-120	Analyst Observation: Black Caulk Client Description: Black Caulking	Location: Base Of Vent Pipe, Roof; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728539 Client No.: 39-121	Analyst Observation: Black Caulk Client Description: Black Caulking	Location: Base Of Vent Pipe, Roof; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

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Date Received: 2/28/2019
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Signature: 
Analyst: Rebecca Hargrove

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

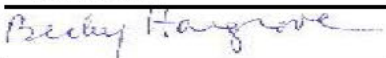
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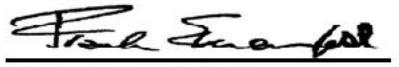
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728540 Client No.: 40-122	Analyst Observation: Black Caulk Client Description: Black Caulking	Location: NE Corner, NE Parapet Wall; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728541 Client No.: 40-123	Analyst Observation: Black Caulk Client Description: Black Caulking	Location: NE Corner, NE Parapet Wall; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728542 Client No.: 40-124	Analyst Observation: Black Caulk Client Description: Black Caulking	Location: NE Corner, NE Parapet Wall; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728543 Client No.: 41-125	Analyst Observation: Black Roof Material Client Description: Asphalt Roof With Black Tar Paper	Location: SE Corner, South Lower Roof; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 25 Synthetic	<u>Percent Non-Fibrous Material:</u> 75
Lab No.: 6728543(L2) Client No.: 41-125	Analyst Observation: Black Roof Material Client Description: Asphalt Roof With Black Tar Paper	Location: SE Corner, South Lower Roof; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 25 Cellulose	<u>Percent Non-Fibrous Material:</u> 75
Lab No.: 6728544 Client No.: 41-126	Analyst Observation: Black Tar Client Description: Asphalt Roof With Black Tar Paper	Location: SW Corner, South Lower Roof; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 15 Cellulose	<u>Percent Non-Fibrous Material:</u> 85

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Approved By: 
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Laboratory Director

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Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

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Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728544(L2)
Client No.: 41-126

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof With Black Tar Paper

Location: SW Corner, South Lower Roof;
6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
20 Synthetic

Percent Non-Fibrous Material:
80

Lab No.: 6728544(L3)
Client No.: 41-126

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof With Black Tar Paper

Location: SW Corner, South Lower Roof;
6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
20 Cellulose

Percent Non-Fibrous Material:
80

Lab No.: 6728545
Client No.: 41-127

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof With Black Tar Paper

Location: NE Corner, South Lower Roof;
6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
15 Synthetic
10 Fibrous Glass

Percent Non-Fibrous Material:
75

Lab No.: 6728545(L2)
Client No.: 41-127

Analyst Observation: Black Roof Material
Client Description: Asphalt Roof With Black Tar Paper

Location: NE Corner, South Lower Roof;
6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
20 Cellulose

Percent Non-Fibrous Material:
80

Lab No.: 6728546
Client No.: 42-128

Analyst Observation: Black Roof Material
Client Description: Asphalt Flashing With Tar Paper

Location: East Side, South Lower Roof;
6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
35 Synthetic

Percent Non-Fibrous Material:
65

Lab No.: 6728547
Client No.: 42-129

Analyst Observation: Black Roof Material
Client Description: Asphalt Flashing With Tar Paper

Location: Middle Of Roof, South Lower
Roof; 6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected


Percent Non-Asbestos Fibrous Material:
35 Synthetic

Percent Non-Fibrous Material:
65

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Signature: 

Analyst: Rebecca Hargrove

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

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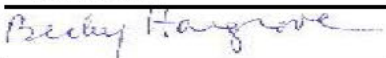
Report Date: 3/7/2019
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Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037


Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728547(L2) Client No.: 42-129	Analyst Observation: Black Roof Material Client Description: Asphalt Flashing With Tar Paper	Location: Middle Of Roof, South Lower Roof; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 20 Fibrous Glass	Percent Non-Fibrous Material: 80
Lab No.: 6728548 Client No.: 42-130	Analyst Observation: Black Roof Material Client Description: Asphalt Flashing With Tar Paper	Location: West Side, South Lower Roof; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 35 Synthetic 5 Fibrous Glass	Percent Non-Fibrous Material: 60
Lab No.: 6728549 Client No.: 43-131	Analyst Observation: White Caulk Client Description: White Flashing Caulking	Location: East Side, South Lower Roof; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728550 Client No.: 43-132	Analyst Observation: White Caulk Client Description: White Flashing Caulking	Location: Middle Of Roof, South Lower Roof; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728551 Client No.: 43-133	Analyst Observation: White Caulk Client Description: White Flashing Caulking	Location: West Side, South Lower Roof; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728552 Client No.: 44-134	Analyst Observation: White Caulk Client Description: Exterior Grey Window Caulking	Location: 2nd Fl, South Wall, SW Window; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

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611 Lunken Park Drive
Cincinnati OH 45226

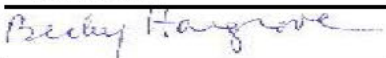
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

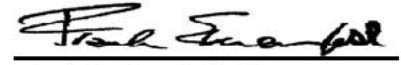
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728553 Client No.: 44-135	Analyst Observation: Grey Glazing Client Description: Exterior Grey Window Caulking	Location: 2nd Fl, South Wall, SE Window; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material: 90
Percent Asbestos: <i>10 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728554 Client No.: 44-136	Analyst Observation: Grey Glazing Client Description: Exterior Grey Window Caulking	Location: 2nd Fl, East Wall, SE Window; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material: 91.7
Percent Asbestos: <i>PC 8.3 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728554(L2) Client No.: 44-136	Analyst Observation: Brown Cementitious Client Description: Exterior Grey Window Caulking	Location: 2nd Fl, East Wall, SE Window; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728555 Client No.: 45-137	Analyst Observation: White Texture Client Description: White Exterior Texture On CMU Block	Location: Rear 2nd Fl Of Bldg, Ext Walls; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728556 Client No.: 45-138	Analyst Observation: White Texture Client Description: White Exterior Texture On CMU Block	Location: East Side Middle Of 1st Fl, Ext Walls; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728557 Client No.: 45-139	Analyst Observation: White Texture Client Description: White Exterior Texture On CMU Block	Location: East Side Near SE Corner, Ext Walls; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material: 98
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 2 Cellulose	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Rebecca Hargrove

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728558
Client No.: 45-140

Analyst Observation: White Texture
Client Description: White Exterior Texture On CMU Block

Location: South Side Of SE Corner Of
Addition, Ext Walls; 6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728559
Client No.: 45-141

Analyst Observation: White Texture
Client Description: White Exterior Texture On CMU Block

Location: Middle Of South Side, Ext Walls;
6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728560
Client No.: 45-142

Analyst Observation: White/Grey Texture
Client Description: White Exterior Texture On CMU Block

Location: West Side Near SW Corner, Ext
Walls; 6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728561
Client No.: 45-143

Analyst Observation: White/Grey Texture
Client Description: White Exterior Texture On CMU Block

Location: Middle Of West Side, Ext Walls;
6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected


Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

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Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 

Analyst: Rebecca Hargrove

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

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611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728562
Client No.: 46-144

Analyst Observation: Grey Paint
Client Description: Textured Paint On Concrete Walls

Location: Rear Entry Door Of 6018
Montgomery Rd, Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728562(L2)
Client No.: 46-144

Analyst Observation: Grey Concrete
Client Description: Textured Paint On Concrete Walls

Location: Rear Entry Door Of 6018
Montgomery Rd, Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728563
Client No.: 46-145

Analyst Observation: Grey Paint
Client Description: Textured Paint On Concrete Walls

Location: Rear Entry Door Of 6018
Montgomery Rd, Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728563(L2)
Client No.: 46-145

Analyst Observation: Grey Concrete
Client Description: Textured Paint On Concrete Walls

Location: Rear Entry Door Of 6018
Montgomery Rd, Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728564
Client No.: 46-146

Analyst Observation: Grey Paint
Client Description: Textured Paint On Concrete Walls

Location: SW Corner; 6016-6018
Montgomery Rd, Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728564(L2)
Client No.: 46-146

Analyst Observation: Grey Concrete
Client Description: Textured Paint On Concrete Walls

Location: SW Corner; 6016-6018
Montgomery Rd, Exterior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

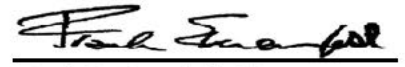
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Date Analyzed: 03/07/2019

Signature: 
Analyst: Robert Betsch

Approved By:


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Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Client: TER940

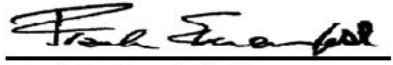
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728565 Client No.: 46-147	Analyst Observation: Grey Paint Client Description: Textured Paint On Concrete Walls	Location: South Side Of West Wall; 6016-6018 Montgomery Rd, Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728565(L2) Client No.: 46-147	Analyst Observation: Grey Concrete Client Description: Textured Paint On Concrete Walls	Location: South Side Of West Wall; 6016-6018 Montgomery Rd, Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728566 Client No.: 46-148	Analyst Observation: Grey Paint Client Description: Textured Paint On Concrete Walls	Location: North Side Of West Wall; 6016-6018 Montgomery Rd, Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728566(L2) Client No.: 46-148	Analyst Observation: Grey Concrete Client Description: Textured Paint On Concrete Walls	Location: North Side Of West Wall; 6016-6018 Montgomery Rd, Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728567 Client No.: 46-149	Analyst Observation: Grey Paint Client Description: Textured Paint On Concrete Walls	Location: NW Corner; 6016-6018 Montgomery Rd, Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728567(L2) Client No.: 46-149	Analyst Observation: Grey Concrete Client Description: Textured Paint On Concrete Walls	Location: NW Corner; 6016-6018 Montgomery Rd, Exterior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

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Frank E. Ehrenfeld, III
Laboratory Director

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Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728568
Client No.: 46-150

Analyst Observation: Grey Paint
Client Description: Textured Paint On Concrete Walls

Location: 2nd Fl Doorway At Rear Of Bldg
Near SW Apmt; 6016-6018 Montgomery
Rd, Exterior

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728568(L2)
Client No.: 46-150

Analyst Observation: Grey Concrete
Client Description: Textured Paint On Concrete Walls

Location: 2nd Fl Doorway At Rear Of Bldg
Near SW Apmt; 6016-6018 Montgomery
Rd, Exterior

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728569
Client No.: 47-151

Analyst Observation: Grey/Red Caulk
Client Description: Exterior Grey Door Caulking

Location: 6016 Montgomery Rd Rear Entry
Door

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728570
Client No.: 47-152

Analyst Observation: Grey/Red Caulk
Client Description: Exterior Grey Door Caulking

Location: 6016 Montgomery Rd Rear Entry
Door

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728571
Client No.: 47-153

Analyst Observation: Grey/Red Caulk
Client Description: Exterior Grey Door Caulking

Location: 6018 Montgomery Rd Rear Entry
Door

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

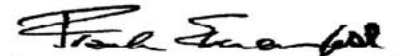
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Laboratory Director

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Cincinnati OH 45226


Report Date: 3/7/2019
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Project No.: N1197037

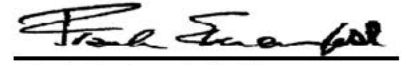
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728572 Client No.: 48-154	Analyst Observation: Off-White Caulk Client Description: White Exterior Window Caulking	Location: East Front Window; 6024 Montgomery Rd 2nd Fl Facility: Percent Non-Fibrous Material: 98.3
Percent Asbestos: <i>PC 1.7 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728573 Client No.: 48-155	Analyst Observation: Off-White Caulk Client Description: White Exterior Window Caulking	Location: Middle Front Window; 6024 Montgomery Rd 2nd Fl Facility: Percent Non-Fibrous Material: 95.8
Percent Asbestos: <i>PC 1.2 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: 3 Talc	
Lab No.: 6728574 Client No.: 48-156	Analyst Observation: Off-White Caulk Client Description: White Exterior Window Caulking	Location: West Front Window; 6024 Montgomery Rd 2nd Fl Facility: Percent Non-Fibrous Material: 95.7
Percent Asbestos: <i>PC 1.3 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: 3 Talc	
Lab No.: 6728575 Client No.: 49-157	Analyst Observation: White Glazing Client Description: White Exterior Window Glazing	Location: East Front Window; 6024 Montgomery Rd 2nd Fl Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728576 Client No.: 49-158	Analyst Observation: White Glazing Client Description: White Exterior Window Glazing	Location: Middle Front Window; 6024 Montgomery Rd 2nd Fl Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728577 Client No.: 49-159	Analyst Observation: White Glazing Client Description: White Exterior Window Glazing	Location: West Front Window; 6024 Montgomery Rd 2nd Fl Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

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Approved By: 
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Laboratory Director

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Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728578
Client No.: 50-160

Analyst Observation: Black/White Rubber
Client Description: White Roofing With Yellow Glue

Location: East Side Front Awning Roof;
6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728578(L2)
Client No.: 50-160

Analyst Observation: Black Tar
Client Description: White Roofing With Yellow Glue

Location: East Side Front Awning Roof;
6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728578(L3)
Client No.: 50-160

Analyst Observation: Yellow Glue
Client Description: White Roofing With Yellow Glue

Location: East Side Front Awning Roof;
6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
10 Cellulose

Percent Non-Fibrous Material:
90

Lab No.: 6728579
Client No.: 50-161

Analyst Observation: Black/White Rubber
Client Description: White Roofing With Yellow Glue

Location: Middle Of Roof, Front Awning
Roof; 6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728579(L2)
Client No.: 50-161

Analyst Observation: Black Tar
Client Description: White Roofing With Yellow Glue

Location: Middle Of Roof, Front Awning
Roof; 6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728579(L3)
Client No.: 50-161

Analyst Observation: Yellow Glue
Client Description: White Roofing With Yellow Glue

Location: Middle Of Roof, Front Awning
Roof; 6024 Montgomery Rd
Facility:

Percent Asbestos:
None Detected


Percent Non-Asbestos Fibrous Material:
10 Cellulose

Percent Non-Fibrous Material:
90

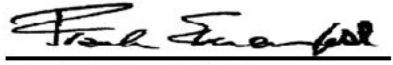
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Laboratory Director

CERTIFICATE OF ANALYSIS

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Client: TER940

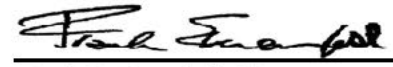
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728580 Client No.: 50-162	Analyst Observation: Black/White Rubber Client Description: White Roofing With Yellow Glue	Location: West Side Front Awning Roof; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728580(L2) Client No.: 50-162	Analyst Observation: Black Tar Client Description: White Roofing With Yellow Glue	Location: West Side Front Awning Roof; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728580(L3) Client No.: 50-162	Analyst Observation: Yellow Glue Client Description: White Roofing With Yellow Glue	Location: West Side Front Awning Roof; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 10 Cellulose	90
Lab No.: 6728581 Client No.: 51-163	Analyst Observation: Grey Caulk Client Description: Grey Exterior Caulking	Location: East Side, On Front Awning; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728582 Client No.: 51-164	Analyst Observation: Grey Caulk Client Description: Grey Exterior Caulking	Location: Middle, On Front Awning; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728583 Client No.: 51-165	Analyst Observation: Grey Caulk Client Description: Grey Exterior Caulking	Location: West Side, On Front Awning; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100

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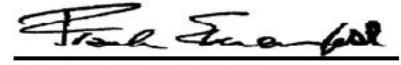
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728584 Client No.: 52-166	Analyst Observation: Grey Caulk Client Description: Grey Exterior Window Caulking	Location: East Side, 1st Floor NE Window; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material: 98.2
Percent Asbestos: PC 1.8 Chrysotile	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728585 Client No.: 52-167	Analyst Observation: Grey Caulk Client Description: Grey Exterior Window Caulking	Location: West Side, 1st Floor NE Window; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material: 98.4
Percent Asbestos: PC 1.6 Chrysotile	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728586 Client No.: 52-168	Analyst Observation: Grey Caulk Client Description: Grey Exterior Window Caulking	Location: West Side, 1st Floor NE Window; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material: 98.4
Percent Asbestos: PC 1.6 Chrysotile	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728587 Client No.: 53-169	Analyst Observation: Grey Caulk Client Description: Exterior Grey Door Caulking	Location: East Side Of Door, Front; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material: 95.6
Percent Asbestos: PC 4.4 Chrysotile	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728588 Client No.: 53-170	Analyst Observation: Grey Caulk Client Description: Exterior Grey Door Caulking	Location: West Side Of Door, Front; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material: 95.8
Percent Asbestos: PC 4.2 Chrysotile	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728589 Client No.: 53-171	Analyst Observation: Grey Caulk Client Description: Exterior Grey Door Caulking	Location: West Side Of Door, Front; 6024 Montgomery Rd Facility: Percent Non-Fibrous Material: 96.1
Percent Asbestos: PC 3.9 Chrysotile	Percent Non-Asbestos Fibrous Material: None Detected	

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Laboratory Director

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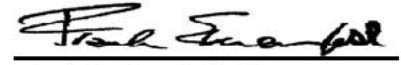
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728590 Client No.: 54-172	Analyst Observation: Black Caulk Client Description: Black Exterior Window Caulking	Location: East Side, NW Front Store Window; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728591 Client No.: 54-173	Analyst Observation: Black Caulk Client Description: Black Exterior Window Caulking	Location: West Side, NW Front Store Window; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728592 Client No.: 54-174	Analyst Observation: Black Caulk Client Description: Black Exterior Window Caulking	Location: West Side, NW Front Store Window; 6024 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728593 Client No.: 55-175	Analyst Observation: Grey Caulk Client Description: Grey Exterior Window Glazing	Location: Above East Window, Top Windows At The Front Of Store; 6018 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728594 Client No.: 55-176	Analyst Observation: Grey Caulk Client Description: Grey Exterior Window Glazing	Location: Above East Window, Top Windows At The Front Of Store; 6018 Montgomery Rd Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

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611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728595
Client No.: 55-177

Analyst Observation: Grey Caulk
Client Description: Grey Exterior Window Glazing

Location: Above West Window, Top
Windows At The Front Of Store; 6018
Montgomery Rd

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728596
Client No.: 56-178

Analyst Observation: Grey Caulk
Client Description: Grey Exterior Window Caulking

Location: East Side Of Window, Main
Windows At The Front Of Store; 6018
Montgomery Rd

Percent Asbestos:
PC 3.4 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
96.6

Lab No.: 6728597
Client No.: 56-179

Analyst Observation: Tan Caulk
Client Description: Grey Exterior Window Caulking

Location: East Side Near Doorway, Main
Windows At The Front Of Store; 6018
Montgomery Rd

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728598
Client No.: 56-180

Analyst Observation: White Caulk
Client Description: Grey Exterior Window Caulking

Location: West Side Of Windows, Main
Windows At The Front Of Store; 6018
Montgomery Rd

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728599
Client No.: 57-181

Analyst Observation: Grey Caulk
Client Description: Grey Exterior Window Caulking

Location: Window Above Entry To 6018
Montgomery Rd, 2nd Floor

Percent Asbestos:
PC 4.2 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
95.8

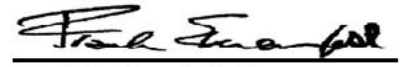
Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 
Analyst: Robert Betsch

Approved By:


Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728600
Client No.: 57-182

Analyst Observation: Grey Caulk
Client Description: Grey Exterior Window Caulking

Location: Window Above Entry To 6018
Montgomery Rd, 2nd Floor
Facility:

Percent Asbestos:
PC 4.4 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
95.6

Lab No.: 6728601
Client No.: 57-183

Analyst Observation: Grey Caulk
Client Description: Grey Exterior Window Caulking

Location: Window Above Entry To 6018
Montgomery Rd, 2nd Floor
Facility:

Percent Asbestos:
PC 4.1 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
95.9

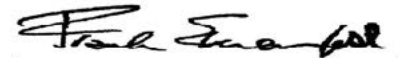
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Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 
Analyst: Robert Betsch

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS

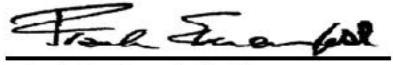
Client: Terracon 611 Lunken Park Drive Cincinnati OH 45226	Report Date: 3/7/2019 Report No.: 584587 - PLM Project: Montgomery Rd - Pleasant Ridge Project No.: N1197037
Client: TER940	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728602 Client No.: 58-184	Analyst Observation: Grey Caulk Client Description: Grey Exterior Door Caulking	Location: East Side Of Door At Entry To Entry To 6016-6018 Montgomery Rd, 2nd Floor Facility: Percent Non-Fibrous Material: 95
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 5 Cellulose	
Lab No.: 6728603 Client No.: 58-185	Analyst Observation: Grey Caulk Client Description: Grey Exterior Door Caulking	Location: West Side Of Door At Entry To Entry To 6016-6018 Montgomery Rd, 2nd Floor Facility: Percent Non-Fibrous Material: 95
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 5 Cellulose	
Lab No.: 6728604 Client No.: 58-186	Analyst Observation: Grey Caulk Client Description: Grey Exterior Door Caulking	Location: West Side Of Door At Entry To Entry To 6016-6018 Montgomery Rd, 2nd Floor Facility: Percent Non-Fibrous Material: 95
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 5 Cellulose	
Lab No.: 6728605 Client No.: 59-187	Analyst Observation: Grey Ceiling Tile Client Description: Grey Exterior Window Caulking	Location: East Side; 6016 Montgomery Rd, Front Store Window Facility: Percent Non-Fibrous Material: 95
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 5 Cellulose	
Lab No.: 6728606 Client No.: 59-188	Analyst Observation: Grey Ceiling Tile Client Description: Grey Exterior Window Caulking	Location: West Side; 6016 Montgomery Rd, Front Store Window Facility: Percent Non-Fibrous Material: 95
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 5 Cellulose	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Tyler Matthews

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

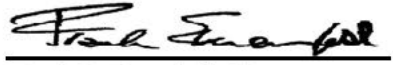
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728607 Client No.: 59-189	Analyst Observation: Grey Caulk Client Description: Grey Exterior Window Caulking	Location: West Side; 6016 Montgomery Rd, Front Store Window Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 5 Cellulose	<u>Percent Non-Fibrous Material:</u> 95
Lab No.: 6728608 Client No.: 60-190	Analyst Observation: Black Vinyl Sheet Flooring Client Description: 12"x12" Black Vinyl Sheet Floor Tile W/White Squall And Yellow Mastic	Location: Middle Of Area, Lobby; 6016 Montgomery Rd, 1st Fl-Former Lester Forest Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728608(L2) Client No.: 60-190	Analyst Observation: Off-White Fibrous Backing Client Description: 12"x12" Black Vinyl Sheet Floor Tile W/White Squall And Yellow Mastic	Location: Middle Of Area, Lobby; 6016 Montgomery Rd, 1st Fl-Former Lester Forest Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 15 Cellulose	<u>Percent Non-Fibrous Material:</u> 85
Lab No.: 6728608(L3) Client No.: 60-190	Analyst Observation: Yellow Mastic Client Description: 12"x12" Black Vinyl Sheet Floor Tile W/White Squall And Yellow Mastic	Location: Middle Of Area, Lobby; 6016 Montgomery Rd, 1st Fl-Former Lester Forest Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 1 Cellulose	<u>Percent Non-Fibrous Material:</u> 99
Lab No.: 6728609 Client No.: 60-191	Analyst Observation: Black Vinyl Sheet Flooring Client Description: 12"x12" Black Vinyl Sheet Floor Tile W/White Squall And Yellow Mastic	Location: East Side, Lobby; 6016 Montgomery Rd, 1st Fl-Former Lester Forest Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Tyler Matthews

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728609(L2)
Client No.: 60-191

Analyst Observation: Off-White Fibrous Backing
Client Description: 12"x12" Black Vinyl Sheet Floor Tile
W/White Squall And Yellow Mastic

Location: East Side, Lobby; 6016
Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
15 Cellulose

Facility:
Percent Non-Fibrous Material:
85

Lab No.: 6728609(L3)
Client No.: 60-191

Analyst Observation: Yellow Mastic
Client Description: 12"x12" Black Vinyl Sheet Floor Tile
W/White Squall And Yellow Mastic

Location: East Side, Lobby; 6016
Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728610
Client No.: 60-192

Analyst Observation: Black Vinyl Sheet Flooring
Client Description: 12"x12" Black Vinyl Sheet Floor Tile
W/White Squall And Yellow Mastic

Location: West Side, Lobby; 6016
Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728610(L2)
Client No.: 60-192

Analyst Observation: Off-White Fibrous Backing
Client Description: 12"x12" Black Vinyl Sheet Floor Tile
W/White Squall And Yellow Mastic

Location: West Side, Lobby; 6016
Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
15 Cellulose

Facility:
Percent Non-Fibrous Material:
85

Lab No.: 6728610(L3)
Client No.: 60-192

Analyst Observation: Yellow Mastic
Client Description: 12"x12" Black Vinyl Sheet Floor Tile
W/White Squall And Yellow Mastic


Location: West Side, Lobby; 6016
Montgomery Rd, 1st Fl-Former Lester
Forest

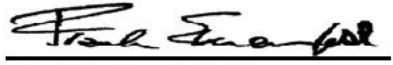
Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Tyler Matthews

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728610(L4)
Client No.: 60-192

Analyst Observation: Grey Leveling Compound
Client Description: 12"x12" Black Vinyl Sheet Floor Tile
W/White Squall And Yellow Mastic

Location: West Side, Lobby; 6016
Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728611
Client No.: 61-193

Analyst Observation: Tan Ceiling Tile
Client Description: 2'x2' Small Fissure Ceiling Tile

Location: Southeast Corner, Lobby; 6016
Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
30 Cellulose
10 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
60

Lab No.: 6728612
Client No.: 61-194

Analyst Observation: Tan Ceiling Tile
Client Description: 2'x2' Small Fissure Ceiling Tile

Location: South Middle Of Lobby; 6016
Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
30 Cellulose
10 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
60

Lab No.: 6728613
Client No.: 61-195

Analyst Observation: Tan Ceiling Tile
Client Description: 2'x2' Small Fissure Ceiling Tile

Location: Along North Wall In The Middle,
Lobby; 6016 Montgomery Rd, 1st Fl-
Former Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
30 Cellulose
10 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
60

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Tyler Matthews

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728614
Client No.: 62-196

Analyst Observation: White Drywall
Client Description: Unfinished Gypsum Board

Location: Middle Of Room, Above
Ceilings; 6016 Montgomery Rd, 1st Fl-
Former Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose
1 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
98

Lab No.: 6728615
Client No.: 62-197

Analyst Observation: White Drywall
Client Description: Unfinished Gypsum Board

Location: North End Of Room, Above
Ceilings; 6016 Montgomery Rd, 1st Fl-
Former Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose
1 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
98

Lab No.: 6728616
Client No.: 62-198

Analyst Observation: White Drywall
Client Description: Unfinished Gypsum Board

Location: South End Of Room, Above
Ceilings; 6016 Montgomery Rd, 1st Fl-
Former Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose
1 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
98

Lab No.: 6728617
Client No.: 63-199

Analyst Observation: White Drywall
Client Description: Drywall System: Drywall And Joint
Compound

Location: Lobby Area On West Wall; 6016
Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose
1 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
98

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Tyler Matthews

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728617(L2)
Client No.: 63-199

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound

Location: Lobby Area On West Wall; 6016 Montgomery Rd, 1st Fl-Former Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728618
Client No.: 63-200

Analyst Observation: White Drywall
Client Description: Drywall System: Drywall And Joint Compound

Location: Lobby Area On South Bulk Head; 6016 Montgomery Rd, 1st Fl-Former Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose
1 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
98

Lab No.: 6728618(L2)
Client No.: 63-200

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound

Location: Lobby Area On South Bulk Head; 6016 Montgomery Rd, 1st Fl-Former Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728619
Client No.: 63-201

Analyst Observation: White Drywall
Client Description: Drywall System: Drywall And Joint Compound

Location: Lobby Area In Middle Of East Wall; 6016 Montgomery Rd, 1st Fl-Former Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose
1 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
98

Lab No.: 6728619(L2)
Client No.: 63-201

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound

Location: Lobby Area In Middle Of East Wall; 6016 Montgomery Rd, 1st Fl-Former Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

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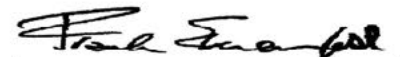
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Signature: 

Analyst: Tyler Matthews

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728620
Client No.: 64-202

Analyst Observation: White Plaster
Client Description: Plaster: Finished Coat And Base Coat

Location: West Wall Above Ceiling Tile On
South End; 6016 Montgomery Rd, 1st Fl-
Former Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728620(L2)
Client No.: 64-202

Analyst Observation: Grey Plaster
Client Description: Plaster: Finished Coat And Base Coat

Location: West Wall Above Ceiling Tile On
South End; 6016 Montgomery Rd, 1st Fl-
Former Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728621
Client No.: 64-203

Analyst Observation: White Plaster
Client Description: Plaster: Finished Coat And Base Coat

Location: Middle Of West Wall; 6016
Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728621(L2)
Client No.: 64-203

Analyst Observation: Grey Plaster
Client Description: Plaster: Finished Coat And Base Coat

Location: Middle Of West Wall; 6016
Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728622
Client No.: 64-204

Analyst Observation: White Plaster
Client Description: Plaster: Finished Coat And Base Coat

Location: North Wall Above Windows;
6016 Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Tyler Matthews

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728622(L2)
Client No.: 64-204

Analyst Observation: Grey Plaster
Client Description: Plaster: Finished Coat And Base Coat

Location: North Wall Above Windows;
6016 Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728623
Client No.: 64-205

Analyst Observation: White Plaster
Client Description: Plaster: Finished Coat And Base Coat

Location: West Wall Near Basement
Stairwell; 6016 Montgomery Rd, 1st Fl-
Former Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728623(L2)
Client No.: 64-205

Analyst Observation: Grey Plaster
Client Description: Plaster: Finished Coat And Base Coat

Location: West Wall Near Basement
Stairwell; 6016 Montgomery Rd, 1st Fl-
Former Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728624
Client No.: 64-206

Analyst Observation: White Plaster
Client Description: Plaster: Finished Coat And Base Coat

Location: West Wall Towards The North
End; 6016 Montgomery Rd, 1st Fl-Former
Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728624(L2)
Client No.: 64-206

Analyst Observation: Grey Plaster
Client Description: Plaster: Finished Coat And Base Coat

Location: West Wall Towards The North
End; 6016 Montgomery Rd, 1st Fl-Former
Lester Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Please refer to the Appendix of this report for further information regarding your analysis.


Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Tyler Matthews

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728625
Client No.: 65-207

Analyst Observation: Yellow Mastic
Client Description: Yellow Carpet Mastic

Location: Northeast Corner; 6016
Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728626
Client No.: 65-208

Analyst Observation: Yellow Mastic
Client Description: Yellow Carpet Mastic

Location: Northwest Near Basement Steps;
6016 Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728627
Client No.: 65-209

Analyst Observation: Yellow Mastic
Client Description: Yellow Carpet Mastic

Location: Southeast Corner Near Exit Door;
6016 Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728628
Client No.: 66-210

Analyst Observation: Off-White Vinyl Sheet Flooring
Client Description: Rock Pattern Vinyl Sheet Flooring
W/Yellow Mastic

Location: At Entry To North Restroom;
6016 Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
10 Cellulose

Facility:
Percent Non-Fibrous Material:
90

Lab No.: 6728628(L2)
Client No.: 66-210

Analyst Observation: Yellow Mastic
Client Description: Rock Pattern Vinyl Sheet Flooring
W/Yellow Mastic

Location: At Entry To North Restroom;
6016 Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Tyler Matthews

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728628(L3)
Client No.: 66-210

Analyst Observation: Grey Leveling Compound
Client Description: Rock Pattern Vinyl Sheet Flooring
W/Yellow Mastic

Location: At Entry To North Restroom;
6016 Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728629
Client No.: 66-211

Analyst Observation: Off-White Vinyl Sheet Flooring
Client Description: Rock Pattern Vinyl Sheet Flooring
W/Yellow Mastic

Location: At Entry To North Restroom;
6016 Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
10 Cellulose

Facility:
Percent Non-Fibrous Material:
90

Lab No.: 6728629(L2)
Client No.: 66-211

Analyst Observation: Yellow Mastic
Client Description: Rock Pattern Vinyl Sheet Flooring
W/Yellow Mastic

Location: At Entry To North Restroom;
6016 Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728629(L3)
Client No.: 66-211

Analyst Observation: Grey Leveling Compound
Client Description: Rock Pattern Vinyl Sheet Flooring
W/Yellow Mastic

Location: At Entry To North Restroom;
6016 Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
2 Cellulose

Facility:
Percent Non-Fibrous Material:
98

Lab No.: 6728630
Client No.: 66-212

Analyst Observation: Off-White Vinyl Sheet Flooring
Client Description: Rock Pattern Vinyl Sheet Flooring
W/Yellow Mastic

Location: At Entry To South Restroom;
6016 Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
10 Cellulose

Facility:
Percent Non-Fibrous Material:
90

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Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

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Cincinnati OH 45226

Report Date: 3/7/2019
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Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728630(L2)
Client No.: 66-212

Analyst Observation: Beige Floor Tile
Client Description: Rock Pattern Vinyl Sheet Flooring
W/Yellow Mastic

Location: At Entry To South Restroom;
6016 Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728630(L3)
Client No.: 66-212

Analyst Observation: Yellow Mastic
Client Description: Rock Pattern Vinyl Sheet Flooring
W/Yellow Mastic

Location: At Entry To South Restroom;
6016 Montgomery Rd, 1st Fl-Former Lester
Forest

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728631
Client No.: 67-213

Analyst Observation: Grey Insulation
Client Description: Aerocell Pipe Insulation

Location: NW Room In 6016 Montgomery
Rd Basement

Percent Asbestos:
60 Chrysotile

Percent Non-Asbestos Fibrous Material:
10 Cellulose

Facility:
Percent Non-Fibrous Material:
30

Lab No.: 6728632
Client No.: 67-214

Analyst Observation: Grey Insulation
Client Description: Aerocell Pipe Insulation

Location: South End Of South Room In
6016 Montgomery Rd Basement

Percent Asbestos:
60 Chrysotile

Percent Non-Asbestos Fibrous Material:
10 Cellulose

Facility:
Percent Non-Fibrous Material:
30

Lab No.: 6728633
Client No.: 67-215

Analyst Observation: Grey Insulation
Client Description: Aerocell Pipe Insulation

Location: South End And Near Restroom
Of 6018 Montgomery Rd Basement

Percent Asbestos:
60 Chrysotile

Percent Non-Asbestos Fibrous Material:
10 Cellulose

Facility:
Percent Non-Fibrous Material:
30

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Analyst: Tyler Matthews

Approved By:



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Laboratory Director

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611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
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Project No.: N1197037

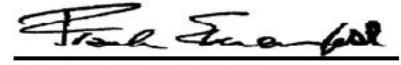
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728634 Client No.: 68-216	Analyst Observation: Grey Insulation Client Description: White Hard Pipe Fittings	Location: NW Room In 6016 Montgomery Rd Basement Facility: Percent Non-Fibrous Material:
Percent Asbestos: 60 Chrysotile	Percent Non-Asbestos Fibrous Material: 10 Cellulose	Percent Non-Fibrous Material: 30
Lab No.: 6728635 Client No.: 68-217	Analyst Observation: Grey Insulation Client Description: White Hard Pipe Fittings	Location: South End Of South Room In 6016 Montgomery Rd Basement Facility: Percent Non-Fibrous Material:
Percent Asbestos: 60 Chrysotile	Percent Non-Asbestos Fibrous Material: 10 Cellulose	Percent Non-Fibrous Material: 30
Lab No.: 6728636 Client No.: 68-218	Analyst Observation: Grey Insulation Client Description: White Hard Pipe Fittings	Location: South End And Near Restroom Of 6018 Montgomery Rd Basement Facility: Percent Non-Fibrous Material:
Percent Asbestos: 60 Chrysotile	Percent Non-Asbestos Fibrous Material: 10 Cellulose	Percent Non-Fibrous Material: 30
Lab No.: 6728637 Client No.: 69-219	Analyst Observation: Black/Tan Tar Paper Client Description: Black Tar Paper	Location: Middle Of NE Room Of Basement Of 6016 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: None Detected	Percent Non-Asbestos Fibrous Material: 80 Cellulose	Percent Non-Fibrous Material: 20
Lab No.: 6728638 Client No.: 69-220	Analyst Observation: Black/Tan Tar Paper Client Description: Black Tar Paper	Location: South Room On North Side Of Basement Of 6016 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: None Detected	Percent Non-Asbestos Fibrous Material: 80 Cellulose	Percent Non-Fibrous Material: 20
Lab No.: 6728639 Client No.: 69-221	Analyst Observation: Black Tar Paper Client Description: Black Tar Paper	Location: Middle Of NW Room Of Basement Of 6018 Montgomery Rd Facility: Percent Non-Fibrous Material:
Percent Asbestos: None Detected	Percent Non-Asbestos Fibrous Material: 70 Cellulose	Percent Non-Fibrous Material: 30

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Date Received: 2/28/2019
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Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728640
Client No.: 70-222

Analyst Observation: White Insulation
Client Description: White Waterproofing

Location: Northwest Stairwell; 6018-6018
Montgomery Rd Basement

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728641
Client No.: 70-223

Analyst Observation: White Insulation
Client Description: White Waterproofing

Location: Northwest Stairwell; 6018-6018
Montgomery Rd Basement

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728642
Client No.: 70-224

Analyst Observation: White Insulation
Client Description: White Waterproofing

Location: Northwest Stairwell; 6018-6018
Montgomery Rd Basement

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

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Date Received: 2/28/2019

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Analyst: Tyler Matthews

Approved By:



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Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728643
Client No.: 71-225

Analyst Observation: Grey Plaster
Client Description: Plaster Finish Coat On Gypsum Board

Location: Doorway Btwn 6018
Montgomery Rd And 6018 Montgomery Rd
Bsmt Ceiling

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728644
Client No.: 71-226

Analyst Observation: Grey Plaster
Client Description: Plaster Finish Coat On Gypsum Board

Location: SE Corner Of North Room; 6018
Montgomery Rd Bsmt Ceiling

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728645
Client No.: 71-227

Analyst Observation: Grey Plaster
Client Description: Plaster Finish Coat On Gypsum Board

Location: Doorway Btwn North And South
Rooms; 6018 Montgomery Rd Bsmt Ceiling

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728646
Client No.: 71-228

Analyst Observation: Grey Plaster
Client Description: Plaster Finish Coat On Gypsum Board

Location: Center Of South Room; 6018
Montgomery Rd Bsmt Ceiling

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728647
Client No.: 71-229

Analyst Observation: Grey Plaster
Client Description: Plaster Finish Coat On Gypsum Board

Location: Exit To Rear Of Bldg; 6018
Montgomery Rd Bsmt Ceiling

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728648
Client No.: 72-230

Analyst Observation: Grey Insulation
Client Description: Corrugated Insulation Board

Location: Above Boiler; 6018 Montgomery
Rd

Percent Asbestos:
45 Chrysotile

Percent Non-Asbestos Fibrous Material:
20 Cellulose

Facility:
Percent Non-Fibrous Material:
35

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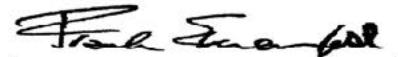
Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Ellen Smith

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

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611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
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Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

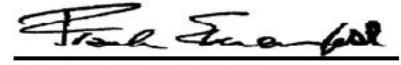
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728649 Client No.: 72-231	Analyst Observation: Grey Insulation Client Description: Corrugated Insulation Board	Location: Above Boiler; 6018 Montgomery Rd Facility:
Percent Asbestos: <i>45 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: 15 Cellulose	Percent Non-Fibrous Material: 40
Lab No.: 6728650 Client No.: 72-232	Analyst Observation: Grey Insulation Client Description: Corrugated Insulation Board	Location: Above Boiler; 6018 Montgomery Rd Facility:
Percent Asbestos: <i>45 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: 20 Cellulose	Percent Non-Fibrous Material: 35
Lab No.: 6728651 Client No.: 72-233	Analyst Observation: Lt Tan Drywall Client Description: Drywall System: Drywall And Joint Compound	Location: Above Boiler; 6018 Montgomery Rd Bsmt Facility:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 20 Cellulose 2 Fibrous Glass	Percent Non-Fibrous Material: 78
Lab No.: 6728651(L2) Client No.: 72-233	Analyst Observation: White Joint Compound Client Description: Drywall System: Drywall And Joint Compound	Location: Above Boiler; 6018 Montgomery Rd Bsmt Facility:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728652 Client No.: 73-234	Analyst Observation: Lt Tan Drywall Client Description: Drywall System: Drywall And Joint Compound	Location: Above Boiler; 6018 Montgomery Rd Bsmt Facility:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 20 Cellulose 1 Fibrous Glass	Percent Non-Fibrous Material: 79

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Date Received: 2/28/2019
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Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
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Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728652(L2)
Client No.: 73-234

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Above Boiler; 6018 Montgomery Rd Bsmt
Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

Lab No.: 6728652(L3)
Client No.: 73-234

Analyst Observation: Tan Drywall
Client Description: Drywall System: Drywall And Joint Compound
Percent Non-Asbestos Fibrous Material:
20 Cellulose
1 Fibrous Glass

Location: Above Boiler; 6018 Montgomery Rd Bsmt
Facility:
Percent Non-Fibrous Material:
79

Percent Asbestos:
None Detected

Lab No.: 6728653
Client No.: 73-235

Analyst Observation: Lt Tan Drywall
Client Description: Drywall System: Drywall And Joint Compound
Percent Non-Asbestos Fibrous Material:
15 Cellulose
1 Fibrous Glass

Location: Near Exit Door; 6018 Montgomery Rd Bsmt Near Boiler
Facility:
Percent Non-Fibrous Material:
84

Percent Asbestos:
None Detected

Lab No.: 6728653(L2)
Client No.: 73-235

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Near Exit Door; 6018 Montgomery Rd Bsmt Near Boiler
Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

Lab No.: 6728654
Client No.: 74-236

Analyst Observation: White/Grey Floor Tile
Client Description: 12"x12" Black/White Checkered Floor Tile W/Yellow
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Near Rear Exit; 6018 Montgomery Rd 1st Fl Former Salon
Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

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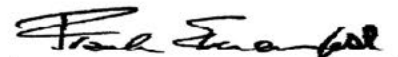
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Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728655
Client No.: 74-237

Analyst Observation: White/Grey Floor Tile
Client Description: 12"x12" Black/White Checkered Floor
Tile W/Yellow

Location: Near Front Entrance; 6018
Montgomery Rd 1st Fl Former Salon
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728656
Client No.: 74-238

Analyst Observation: White/Grey Floor Tile
Client Description: 12"x12" Black/White Checkered Floor
Tile W/Yellow

Location: Doorway To Large Middle
Room; 6018 Montgomery Rd 1st Fl Former
Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728657
Client No.: 75-239

Analyst Observation: Tan Ceiling Tile
Client Description: 2'x4' Small Fissure Ceiling Tile

Location: Above Rear Exit Door South
Room; 6018 Montgomery Rd 1st Fl Former
Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
35 Cellulose
15 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
50

Lab No.: 6728658
Client No.: 75-240

Analyst Observation: Tan Ceiling Tile
Client Description: 2'x4' Small Fissure Ceiling Tile

Location: Middle Of Hallway South Room;
6018 Montgomery Rd 1st Fl Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
35 Cellulose
15 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
50

Lab No.: 6728659
Client No.: 75-241

Analyst Observation: Tan Ceiling Tile
Client Description: 2'x4' Small Fissure Ceiling Tile

Location: North End Of Hallway South
Room; 6018 Montgomery Rd 1st Fl Former
Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
30 Cellulose
15 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
55

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Laboratory Director

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Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728660 Client No.: 76-242	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: South Doorway In Salon Area; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 1 Cellulose	<u>Percent Non-Fibrous Material:</u> 99
Lab No.: 6728660(L2) Client No.: 76-242	Analyst Observation: White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: South Doorway In Salon Area; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728661 Client No.: 76-243	Analyst Observation: Off-White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: West Wall Of Salon Area; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728661(L2) Client No.: 76-243	Analyst Observation: White Ceiling Texture Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: West Wall Of Salon Area; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 1 Cellulose	<u>Percent Non-Fibrous Material:</u> 99
Lab No.: 6728662 Client No.: 76-244	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: Center Of Lobby; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728662(L2) Client No.: 76-244	Analyst Observation: White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: Center Of Lobby; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

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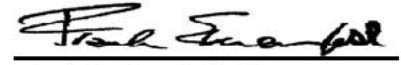
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728663 Client No.: 76-245	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: SW Corner Of Lobby; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728663(L2) Client No.: 76-245	Analyst Observation: White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: SW Corner Of Lobby; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728664 Client No.: 76-246	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: West Wall Of West Room; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728664(L2) Client No.: 76-246	Analyst Observation: White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: West Wall Of West Room; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728665 Client No.: 76-247	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: SW Corner Of West Room; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728665(L2) Client No.: 76-247	Analyst Observation: White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: SW Corner Of West Room; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

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Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

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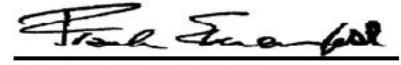
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728666 Client No.: 76-248	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: SW Corner Of Salon Area; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728666(L2) Client No.: 76-248	Analyst Observation: White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: SW Corner Of Salon Area; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728667 Client No.: 77-249	Analyst Observation: Grey Plaster Client Description: Plaster Walls: Base Coat And Finished Coat	Location: Center Of Restroom; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728667(L2) Client No.: 77-249	Analyst Observation: White Plaster Client Description: Plaster Walls: Base Coat And Finished Coat	Location: Center Of Restroom; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728668 Client No.: 77-250	Analyst Observation: Grey Plaster Client Description: Plaster Walls: Base Coat And Finished Coat	Location: SW Corner Of West Room; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728668(L2) Client No.: 77-250	Analyst Observation: White Plaster Client Description: Plaster Walls: Base Coat And Finished Coat	Location: SW Corner Of West Room; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037


Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728669 Client No.: 77-251	Analyst Observation: Grey Plaster Client Description: Plaster Walls: Base Coat And Finished Coat	Location: Hallway Outside Restroom; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728669(L2) Client No.: 77-251	Analyst Observation: White Plaster Client Description: Plaster Walls: Base Coat And Finished Coat	Location: Hallway Outside Restroom; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728669(L3) Client No.: 77-251	Analyst Observation: Off-White Texture Client Description: Plaster Walls: Base Coat And Finished Coat	Location: Hallway Outside Restroom; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728670 Client No.: 77-252	Analyst Observation: Grey Plaster Client Description: Plaster Walls: Base Coat And Finished Coat	Location: Closet Next To Restroom; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728670(L2) Client No.: 77-252	Analyst Observation: White Plaster Client Description: Plaster Walls: Base Coat And Finished Coat	Location: Closet Next To Restroom; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728671 Client No.: 77-253	Analyst Observation: Lt Tan Drywall Client Description: Plaster Walls: Base Coat And Finished Coat	Location: South Rear Wall; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 10 Cellulose 1 Fibrous Glass	<u>Percent Non-Fibrous Material:</u> 89

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Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

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611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728672
Client No.: 77-254

Analyst Observation: Grey Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: East Lobby Wall; 6018
Montgomery Rd 1st Fl Former Salon
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728672(L2)
Client No.: 77-254

Analyst Observation: White Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: East Lobby Wall; 6018
Montgomery Rd 1st Fl Former Salon
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728672(L3)
Client No.: 77-254

Analyst Observation: Off-White Texture
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: East Lobby Wall; 6018
Montgomery Rd 1st Fl Former Salon
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728673
Client No.: 77-255

Analyst Observation: Grey Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: East Restroom Wall; 6018
Montgomery Rd 1st Fl Former Salon
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728673(L2)
Client No.: 77-255

Analyst Observation: White Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: East Restroom Wall; 6018
Montgomery Rd 1st Fl Former Salon
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728673(L3)
Client No.: 77-255

Analyst Observation: Off-White Texture
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: East Restroom Wall; 6018
Montgomery Rd 1st Fl Former Salon
Facility:
Percent Non-Fibrous Material:
100

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Date Received: 2/28/2019

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Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

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Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
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Project No.: N1197037


Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728674 Client No.: 78-256	Analyst Observation: White Wall Texture Client Description: Textured Wall Coating	Location: NE Corner Of Salon Room; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728675 Client No.: 78-257	Analyst Observation: White Wall Texture Client Description: Textured Wall Coating	Location: Middle Of East Wall Of Salon Room; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728676 Client No.: 78-258	Analyst Observation: White Wall Texture Client Description: Textured Wall Coating	Location: SE Corner Of Salon Room; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728677 Client No.: 78-259	Analyst Observation: White Wall Texture Client Description: Textured Wall Coating	Location: West Of Rear Exit; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728678 Client No.: 78-260	Analyst Observation: White Wall Texture Client Description: Textured Wall Coating	Location: East Of Rear Exit; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728679 Client No.: 78-261	Analyst Observation: White Wall Texture Client Description: Textured Wall Coating	Location: East Of Rear Exit; 6018 Montgomery Rd 1st Fl Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

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Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

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Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728680
Client No.: 79-262

Analyst Observation: White Wall Texture
Client Description: Textured Wall Coating

Location: Middle Of Salon Above East
Wall; 6018 Montgomery Rd 1st Fl Former
Salon

Facility:
Percent Non-Fibrous Material:
100


Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

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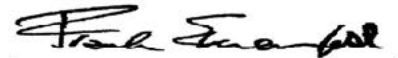
Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 

Analyst: Ellen Smith

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728681
Client No.: 79-263

Analyst Observation: White Drywall
Client Description: Drywall System: Drywall And Joint Compound
Percent Non-Asbestos Fibrous Material:
2 Cellulose

Location: N Wall In Kitchen; 6018 Montgomery Rd 1st Fl-Former Salon
Facility:
Percent Non-Fibrous Material:
98

Percent Asbestos:
None Detected

Lab No.: 6728681(L2)
Client No.: 79-263

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound
Percent Non-Asbestos Fibrous Material:
None Detected

Location: N Wall In Kitchen; 6018 Montgomery Rd 1st Fl-Former Salon
Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

Lab No.: 6728682
Client No.: 79-264

Analyst Observation: White Drywall
Client Description: Drywall System: Drywall And Joint Compound

Location: Salon Rm Under Texture In SW Corner; 6018 Montgomery Rd 1st Fl-Former Salon
Facility:
Percent Non-Fibrous Material:
98

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
2 Cellulose

Lab No.: 6728682(L2)
Client No.: 79-264

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound

Location: Salon Rm Under Texture In SW Corner; 6018 Montgomery Rd 1st Fl-Former Salon
Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Lab No.: 6728683
Client No.: 79-265

Analyst Observation: White Drywall
Client Description: Drywall System: Drywall And Joint Compound
Percent Non-Asbestos Fibrous Material:
2 Cellulose

Location: Laundry Rm In SE Corner; 6018 Montgomery Rd 1st Fl-Former Salon
Facility:
Percent Non-Fibrous Material:
98

Percent Asbestos:
None Detected

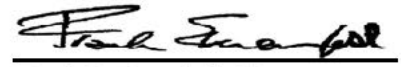
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Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 
Analyst: Robert Betsch

Approved By:


Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728683(L2)
Client No.: 79-265

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Laundry Rm In SE Corner; 6018 Montgomery Rd 1st Fl-Former Salon
Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

Lab No.: 6728684
Client No.: 79-266

Analyst Observation: White Drywall
Client Description: Drywall System: Drywall And Joint Compound

Location: Hall Outside Kitchen In SW Corner; 6018 Montgomery Rd 1st Fl-Former Salon
Facility:
Percent Non-Fibrous Material:
98

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
2 Cellulose

Lab No.: 6728684(L2)
Client No.: 79-266

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound

Location: Hall Outside Kitchen In SW Corner; 6018 Montgomery Rd 1st Fl-Former Salon
Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Lab No.: 6728685
Client No.: 79-267

Analyst Observation: White Drywall
Client Description: Drywall System: Drywall And Joint Compound
Percent Non-Asbestos Fibrous Material:
2 Cellulose

Location: Front Rm On S Middle Wall; 6018 Montgomery Rd 1st Fl-Former Salon
Facility:
Percent Non-Fibrous Material:
98

Percent Asbestos:
None Detected

Lab No.: 6728685(L2)
Client No.: 79-267

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Front Rm On S Middle Wall; 6018 Montgomery Rd 1st Fl-Former Salon
Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

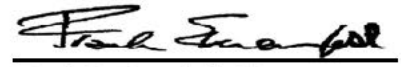
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Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 
Analyst: Robert Betsch

Approved By:


Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

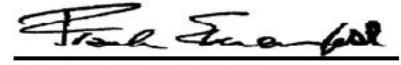
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728686 Client No.: 79-268 Percent Asbestos: <i>None Detected</i>	Analyst Observation: White Drywall Client Description: Drywall System: Drywall And Joint Compound Percent Non-Asbestos Fibrous Material: 2 Cellulose	Location: Front Rm On S Wall; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material: 98
Lab No.: 6728686(L2) Client No.: 79-268 Percent Asbestos: <i>None Detected</i>	Analyst Observation: White Joint Compound Client Description: Drywall System: Drywall And Joint Compound Percent Non-Asbestos Fibrous Material: None Detected	Location: Front Rm On S Wall; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material: 100
Lab No.: 6728687 Client No.: 79-269 Percent Asbestos: <i>None Detected</i>	Analyst Observation: White Drywall Client Description: Drywall System: Drywall And Joint Compound Percent Non-Asbestos Fibrous Material: 2 Cellulose	Location: NE Corner Of S Area; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material: 98
Lab No.: 6728687(L2) Client No.: 79-269 Percent Asbestos: <i>None Detected</i>	Analyst Observation: White Joint Compound Client Description: Drywall System: Drywall And Joint Compound Percent Non-Asbestos Fibrous Material: None Detected	Location: NE Corner Of S Area; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material: 100
Lab No.: 6728688 Client No.: 80-270 Percent Asbestos: <i>None Detected</i>	Analyst Observation: White Texture Client Description: Textured Ceiling Percent Non-Asbestos Fibrous Material: None Detected	Location: Center Of N Wall; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material: 100
Lab No.: 6728688(L2) Client No.: 80-270 Percent Asbestos: <i>None Detected</i>	Analyst Observation: Grey Plaster Client Description: Textured Ceiling Percent Non-Asbestos Fibrous Material: None Detected	Location: Center Of N Wall; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material: 100

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Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728688(L3)
Client No.: 80-270

Analyst Observation: White Plaster
Client Description: Textured Ceiling

Location: Center Of N Wall; 6018
Montgomery Rd 1st Fl-Former Salon
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728689
Client No.: 80-271

Analyst Observation: White Texture
Client Description: Textured Ceiling

Location: Center Of N Side; 6018
Montgomery Rd 1st Fl-Former Salon
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728689(L2)
Client No.: 80-271

Analyst Observation: Grey Plaster
Client Description: Textured Ceiling

Location: Center Of N Side; 6018
Montgomery Rd 1st Fl-Former Salon
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728689(L3)
Client No.: 80-271

Analyst Observation: White Plaster
Client Description: Textured Ceiling

Location: Center Of N Side; 6018
Montgomery Rd 1st Fl-Former Salon
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728690
Client No.: 80-272

Analyst Observation: White Texture
Client Description: Textured Ceiling

Location: Center Of Rm; 6018
Montgomery Rd 1st Fl-Former Salon
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728691
Client No.: 80-273

Analyst Observation: White Texture
Client Description: Textured Ceiling

Location: Center Of S Side; 6018
Montgomery Rd 1st Fl-Former Salon
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

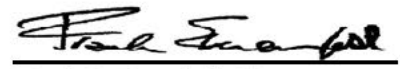
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Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Client: TER940

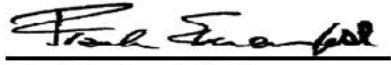
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728691(L2) Client No.: 80-273	Analyst Observation: Grey Plaster Client Description: Textured Ceiling	Location: Center Of S Side; 6018 Montgomery Rd 1st Fl-Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728691(L3) Client No.: 80-273	Analyst Observation: White Plaster Client Description: Textured Ceiling	Location: Center Of S Side; 6018 Montgomery Rd 1st Fl-Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728692 Client No.: 80-274	Analyst Observation: White Texture Client Description: Textured Ceiling	Location: Center Of S Wall; 6018 Montgomery Rd 1st Fl-Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728693 Client No.: 81-275	Analyst Observation: Brown/Blue Fiberboard Client Description: Blue Wood Board w/Yellow Mastic	Location: N End; 6018 Montgomery Rd 1st Fl-Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 60 Cellulose	<u>Percent Non-Fibrous Material:</u> 40
Lab No.: 6728693(L2) Client No.: 81-275	Analyst Observation: Yellow Mastic Client Description: Blue Wood Board w/Yellow Mastic	Location: N End; 6018 Montgomery Rd 1st Fl-Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728694 Client No.: 81-276	Analyst Observation: Brown/Blue Fiberboard Client Description: Blue Wood Board w/Yellow Mastic	Location: Middle; 6018 Montgomery Rd 1st Fl-Former Salon Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 60 Cellulose	<u>Percent Non-Fibrous Material:</u> 40

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Laboratory Director

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Client: Terracon
611 Lunken Park Drive
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Project No.: N1197037


Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728694(L2) Client No.: 81-276	Analyst Observation: Yellow Mastic Client Description: Blue Wood Board w/Yellow Mastic	Location: Middle; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728695 Client No.: 81-277	Analyst Observation: Brown/Blue Fiberboard Client Description: Blue Wood Board w/Yellow Mastic	Location: S End; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 60 Cellulose	Percent Non-Fibrous Material: 40
Lab No.: 6728695(L2) Client No.: 81-277	Analyst Observation: Yellow Mastic Client Description: Blue Wood Board w/Yellow Mastic	Location: S End; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728696 Client No.: 82-278	Analyst Observation: Brown Carpet Client Description: Carpet Mastic	Location: West Room On South Side, West Side Of Space; 6018 Montgomery Rd 1st Fl- Former Salon Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 80 Synthetic	Percent Non-Fibrous Material: 20
Lab No.: 6728696(L2) Client No.: 82-278	Analyst Observation: White Mastic Client Description: Carpet Mastic	Location: West Room On South Side, West Side Of Space; 6018 Montgomery Rd 1st Fl- Former Salon Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Robert Betsch

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728697
Client No.: 82-279

Analyst Observation: Brown Carpet
Client Description: Carpet Mastic

Location: Middle Of West Room, West Side
Of Space; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
70 Synthetic

Facility:
Percent Non-Fibrous Material:
30

Lab No.: 6728697(L2)
Client No.: 82-279

Analyst Observation: White Mastic
Client Description: Carpet Mastic

Location: Middle Of West Room, West Side
Of Space; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728698
Client No.: 82-280

Analyst Observation: Brown Carpet
Client Description: Carpet Mastic

Location: North End Of West Room, West
Side Of Space; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
70 Synthetic

Facility:
Percent Non-Fibrous Material:
30

Lab No.: 6728698(L2)
Client No.: 82-280

Analyst Observation: White Mastic
Client Description: Carpet Mastic

Location: North End Of West Room, West
Side Of Space; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728699
Client No.: 83-281

Analyst Observation: Green Ceramic
Client Description: 12"x12" Green Ceramic Floor Tile,
Mortar And Grout

Location: North End Of West Room, West
Side Of Space; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

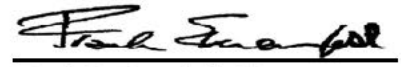
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Date Received: 2/28/2019

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Signature: 
Analyst: Robert Betsch

Approved By:


Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728699(L2)
Client No.: 83-281

Analyst Observation: Lt Grey Grout
Client Description: 12"x12" Green Ceramic Floor Tile,
Mortar And Grout

Location: North End Of West Room, West
Side Of Space; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728699(L3)
Client No.: 83-281

Analyst Observation: Dk Grey Mortar
Client Description: 12"x12" Green Ceramic Floor Tile,
Mortar And Grout

Location: North End Of West Room, West
Side Of Space; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728700
Client No.: 83-282

Analyst Observation: Green Ceramic
Client Description: 12"x12" Green Ceramic Floor Tile,
Mortar And Grout

Location: At Entry Restroom Floor; 6018
Montgomery Rd 1st Fl-Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728700(L2)
Client No.: 83-282

Analyst Observation: Lt Grey Grout
Client Description: 12"x12" Green Ceramic Floor Tile,
Mortar And Grout

Location: At Entry Restroom Floor; 6018
Montgomery Rd 1st Fl-Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728700(L3)
Client No.: 83-282

Analyst Observation: Dk Grey Mortar
Client Description: 12"x12" Green Ceramic Floor Tile,
Mortar And Grout

Location: At Entry Restroom Floor; 6018
Montgomery Rd 1st Fl-Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

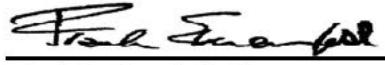
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Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 
Analyst: Robert Betsch

Approved By:


Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728701
Client No.: 83-283

Analyst Observation: Green Ceramic
Client Description: 12"x12" Green Ceramic Floor Tile,
Mortar And Grout
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: At Entry Restroom Floor; 6018
Montgomery Rd 1st Fl-Former Salon
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728701(L2)
Client No.: 83-283

Analyst Observation: Lt Grey Grout
Client Description: 12"x12" Green Ceramic Floor Tile,
Mortar And Grout
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: At Entry Restroom Floor; 6018
Montgomery Rd 1st Fl-Former Salon
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728701(L3)
Client No.: 83-283

Analyst Observation: Dk Grey Mortar
Client Description: 12"x12" Green Ceramic Floor Tile,
Mortar And Grout
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: At Entry Restroom Floor; 6018
Montgomery Rd 1st Fl-Former Salon
Facility:
Percent Non-Fibrous Material:
100

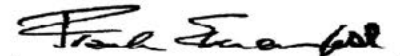
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Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 
Analyst: Robert Betsch

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS

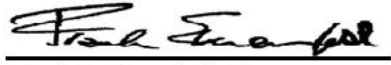
Client: Terracon 611 Lunken Park Drive Cincinnati OH 45226	Report Date: 3/7/2019 Report No.: 584587 - PLM Project: Montgomery Rd - Pleasant Ridge Project No.: N1197037
Client: TER940	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728702 Client No.: 84-284	Analyst Observation: Tan Ceiling Tile Client Description: 2'x4' Texture Pattern Ceiling Tile	Location: Hallway Outside Restroom; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 30 Cellulose 10 Fibrous Glass	Percent Non-Fibrous Material: 60
<hr/>		
Lab No.: 6728703 Client No.: 84-285	Analyst Observation: Tan Ceiling Tile Client Description: 2'x4' Texture Pattern Ceiling Tile	Location: Hallway Outside Restroom; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 30 Cellulose 10 Fibrous Glass	Percent Non-Fibrous Material: 60
<hr/>		
Lab No.: 6728704 Client No.: 84-286	Analyst Observation: Tan Ceiling Tile Client Description: 2'x4' Texture Pattern Ceiling Tile	Location: Hallway Outside Restroom; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 30 Cellulose 10 Fibrous Glass	Percent Non-Fibrous Material: 60
<hr/>		
Lab No.: 6728705 Client No.: 85-287	Analyst Observation: Green Ceramic Client Description: Multi-Sized Green Ceramic Floor Tile W/ Mortar And Grout	Location: Northeast Corner, Lobby To Apartments; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
<hr/>		
Lab No.: 6728705(L2) Client No.: 85-287	Analyst Observation: Grey Grout Client Description: Multi-Sized Green Ceramic Floor Tile W/ Mortar And Grout	Location: Northeast Corner, Lobby To Apartments; 6018 Montgomery Rd 1st Fl-Former Salon Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 1 Cellulose	Percent Non-Fibrous Material: 99

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Tyler Matthews

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728705(L3)
Client No.: 85-287

Analyst Observation: Grey Mortar
Client Description: Multi-Sized Green Ceramic Floor Tile W/
Mortar And Grout

Location: Northeast Corner, Lobby To
Apartments; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728706
Client No.: 85-288

Analyst Observation: Green Ceramic
Client Description: Multi-Sized Green Ceramic Floor Tile W/
Mortar And Grout

Location: East Of Entry Door, Lobby To
Apartments; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728706(L2)
Client No.: 85-288

Analyst Observation: Grey Grout
Client Description: Multi-Sized Green Ceramic Floor Tile W/
Mortar And Grout

Location: East Of Entry Door, Lobby To
Apartments; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728706(L3)
Client No.: 85-288

Analyst Observation: Grey Mortar
Client Description: Multi-Sized Green Ceramic Floor Tile W/
Mortar And Grout

Location: East Of Entry Door, Lobby To
Apartments; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728707
Client No.: 85-289

Analyst Observation: Green Ceramic
Client Description: Multi-Sized Green Ceramic Floor Tile W/
Mortar And Grout

Location: East Of Entry Door, Lobby To
Apartments; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.


Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Tyler Matthews

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS

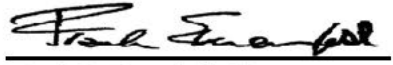
Client: Terracon 611 Lunken Park Drive Cincinnati OH 45226	Report Date: 3/7/2019 Report No.: 584587 - PLM Project: Montgomery Rd - Pleasant Ridge Project No.: N1197037
Client: TER940	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728707(L2) Client No.: 85-289	Analyst Observation: Grey Grout Client Description: Multi-Sized Green Ceramic Floor Tile W/ Mortar And Grout	Location: East Of Entry Door, Lobby To Apartments; 6018 Montgomery Rd 1st Fl- Former Salon Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 6728707(L3) Client No.: 85-289	Analyst Observation: Grey Mortar Client Description: Multi-Sized Green Ceramic Floor Tile W/ Mortar And Grout	Location: East Of Entry Door, Lobby To Apartments; 6018 Montgomery Rd 1st Fl- Former Salon Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 6728708 Client No.: 86-290	Analyst Observation: White Ceramic Client Description: 4"x4" Green Ceramic Wall Tile W/Brown Mastic And Grout	Location: Southwest Corner, Lobby To Apartments; 6018 Montgomery Rd 1st Fl- Former Salon Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 6728708(L2) Client No.: 86-290	Analyst Observation: Grey Grout Client Description: 4"x4" Green Ceramic Wall Tile W/Brown Mastic And Grout	Location: Southwest Corner, Lobby To Apartments; 6018 Montgomery Rd 1st Fl- Former Salon Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 6728708(L3) Client No.: 86-290	Analyst Observation: Grey Mortar Client Description: 4"x4" Green Ceramic Wall Tile W/Brown Mastic And Grout	Location: Southwest Corner, Lobby To Apartments; 6018 Montgomery Rd 1st Fl- Former Salon Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Tyler Matthews

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

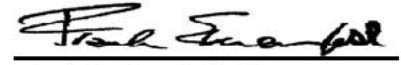
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728709 Client No.: 86-291	Analyst Observation: White Ceramic Client Description: 4"x4" Green Ceramic Wall Tile W/Brown Mastic And Grout	Location: Northwest Corner, Lobby To Apartments; 6018 Montgomery Rd 1st Fl- Former Salon Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728709(L2) Client No.: 86-291	Analyst Observation: Grey Grout Client Description: 4"x4" Green Ceramic Wall Tile W/Brown Mastic And Grout	Location: Northwest Corner, Lobby To Apartments; 6018 Montgomery Rd 1st Fl- Former Salon Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728709(L3) Client No.: 86-291	Analyst Observation: Grey Mortar Client Description: 4"x4" Green Ceramic Wall Tile W/Brown Mastic And Grout	Location: Northwest Corner, Lobby To Apartments; 6018 Montgomery Rd 1st Fl- Former Salon Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728709(L4) Client No.: 86-291	Analyst Observation: Tan Mastic Client Description: 4"x4" Green Ceramic Wall Tile W/Brown Mastic And Grout	Location: Northwest Corner, Lobby To Apartments; 6018 Montgomery Rd 1st Fl- Former Salon Facility: Percent Non-Fibrous Material: 99
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 1 Cellulose	
Lab No.: 6728709(L5) Client No.: 86-291	Analyst Observation: White Fibrous Client Description: 4"x4" Green Ceramic Wall Tile W/Brown Mastic And Grout	Location: Northwest Corner, Lobby To Apartments; 6018 Montgomery Rd 1st Fl- Former Salon Facility: Percent Non-Fibrous Material: 15
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 85 Fibrous Glass	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Tyler Matthews

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728710
Client No.: 86-292

Analyst Observation: White Ceramic
Client Description: 4"x4" Green Ceramic Wall Tile W/Brown
Mastic And Grout

Location: Northeast Corner, Lobby To
Apartments; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728710(L2)
Client No.: 86-292

Analyst Observation: Grey Grout
Client Description: 4"x4" Green Ceramic Wall Tile W/Brown
Mastic And Grout

Location: Northeast Corner, Lobby To
Apartments; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728710(L3)
Client No.: 86-292

Analyst Observation: Grey Mortar
Client Description: 4"x4" Green Ceramic Wall Tile W/Brown
Mastic And Grout

Location: Northeast Corner, Lobby To
Apartments; 6018 Montgomery Rd 1st Fl-
Former Salon

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728711
Client No.: 87-293

Analyst Observation: Yellow Mastic
Client Description: Carpet Mastic

Location: At First Flr Landing, Hallways
And Steps; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728712
Client No.: 87-294

Analyst Observation: Yellow Mastic
Client Description: Carpet Mastic

Location: At First Flr Landing Btwn Floors,
Hallways And Steps; 6016-6018
Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Tyler Matthews

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728712(L2)
Client No.: 87-294

Analyst Observation: Black Fibrous
Client Description: Carpet Mastic

Location: At First Flr Landing Btwn Floors,
Hallways And Steps; 6016-6018
Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
75 Cellulose

Facility:
Percent Non-Fibrous Material:
25

Lab No.: 6728712(L3)
Client No.: 87-294

Analyst Observation: Brown Mastic
Client Description: Carpet Mastic

Location: At First Flr Landing Btwn Floors,
Hallways And Steps; 6016-6018
Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728713
Client No.: 87-295

Analyst Observation: Yellow Mastic
Client Description: Carpet Mastic

Location: At Top Of Steps On N Side; 6016
-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728713(L2)
Client No.: 87-295

Analyst Observation: Black Fibrous
Client Description: Carpet Mastic

Location: At Top Of Steps On N Side; 6016
-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
75 Cellulose

Facility:
Percent Non-Fibrous Material:
25

Lab No.: 6728713(L3)
Client No.: 87-295

Analyst Observation: Brown Mastic
Client Description: Carpet Mastic

Location: At Top Of Steps On N Side; 6016
-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Tyler Matthews

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS

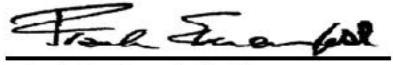
Client: Terracon 611 Lunken Park Drive Cincinnati OH 45226	Report Date: 3/7/2019 Report No.: 584587 - PLM Project: Montgomery Rd - Pleasant Ridge Project No.: N1197037
Client: TER940	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728714 Client No.: 88-296	Analyst Observation: White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: NE Apartment-NE Corner Of Living Rm; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728714(L2) Client No.: 88-296	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: NE Apartment-NE Corner Of Living Rm; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 99
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 1 Cellulose	
Lab No.: 6728715 Client No.: 88-297	Analyst Observation: White Insulation Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: NE Apartment-NE Corner Of Living Rm; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 95
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 5 Cellulose	
Lab No.: 6728716 Client No.: 88-298	Analyst Observation: White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: North Hallway-NE Corner; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728716(L2) Client No.: 88-298	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: North Hallway-NE Corner; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 99
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 1 Cellulose	

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Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Tyler Matthews

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

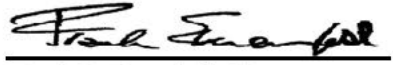
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728717 Client No.: 88-299	Analyst Observation: White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: NW Apartment-Above Entry; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728717(L2) Client No.: 88-299	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: NW Apartment-Above Entry; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 99
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 1 Cellulose	
Lab No.: 6728718 Client No.: 88-300	Analyst Observation: White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: NW Apartment-At Entry To Bedroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728718(L2) Client No.: 88-300	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: NW Apartment-At Entry To Bedroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 99
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 1 Cellulose	
Lab No.: 6728719 Client No.: 88-301	Analyst Observation: White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: SE Apartment-NE Corner Of Kitchen; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 99
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 1 Cellulose	

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Laboratory Director

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611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728719(L2)
Client No.: 88-301

Analyst Observation: Grey Plaster
Client Description: Plaster Ceilings: Base Coat And Finished Coat

Location: SE Apartment-NE Corner Of Kitchen; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728720
Client No.: 88-302

Analyst Observation: White Plaster
Client Description: Plaster Ceilings: Base Coat And Finished Coat

Location: SE Apartment-SW Corner Of Living Rm; 6016-6018 Montgomery Rd 1st Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728720(L2)
Client No.: 88-302

Analyst Observation: Grey Plaster
Client Description: Plaster Ceilings: Base Coat And Finished Coat

Location: SE Apartment-SW Corner Of Living Rm; 6016-6018 Montgomery Rd 1st Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Facility:
Percent Non-Fibrous Material:
99

Lab No.: 6728720(L3)
Client No.: 88-302

Analyst Observation: Off-White Texture
Client Description: Plaster Ceilings: Base Coat And Finished Coat

Location: SE Apartment-SW Corner Of Living Rm; 6016-6018 Montgomery Rd 1st Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

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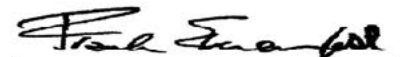
Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 

Analyst: Tyler Matthews

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728721
Client No.: 89-303

Analyst Observation: White Plaster
Client Description: Plaster Walls: Base Coat And Finish Coat

Location: NE Apartment-SW Corner Of Living Rm; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728721(L2)
Client No.: 89-303

Analyst Observation: Grey Plaster
Client Description: Plaster Walls: Base Coat And Finish Coat

Location: NE Apartment-SW Corner Of Living Rm; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
Trace Hair

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728722
Client No.: 89-304

Analyst Observation: White Plaster
Client Description: Plaster Walls: Base Coat And Finish Coat

Location: NE Apartment-Above Kitchen Doorway; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728723
Client No.: 89-305

Analyst Observation: White Plaster
Client Description: Plaster Walls: Base Coat And Finish Coat

Location: North Hallway-NE Corner; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728723(L2)
Client No.: 89-305

Analyst Observation: Grey Plaster
Client Description: Plaster Walls: Base Coat And Finish Coat

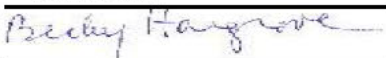
Location: North Hallway-NE Corner; 6016-6018 Montgomery Rd 2nd Fl Apartments

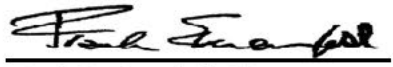
Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
Trace Hair

Facility:
Percent Non-Fibrous Material:
100

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Analyst: Rebecca Hargrove

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Laboratory Director

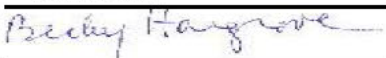
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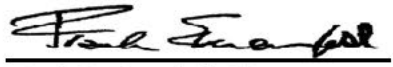
Client: Terracon 611 Lunken Park Drive Cincinnati OH 45226	Report Date: 3/7/2019 Report No.: 584587 - PLM Project: Montgomery Rd - Pleasant Ridge Project No.: N1197037
Client: TER940	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728724 Client No.: 89-306	Analyst Observation: White Plaster Client Description: Plaster Walls: Base Coat And Finish Coat	Location: NW Apartment At Entry; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728724(L2) Client No.: 89-306	Analyst Observation: Grey Plaster Client Description: Plaster Walls: Base Coat And Finish Coat	Location: NW Apartment At Entry; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 1 Hair	99
Lab No.: 6728725 Client No.: 89-307	Analyst Observation: White Plaster Client Description: Plaster Walls: Base Coat And Finish Coat	Location: NW Apartment-NW Corner Of Bedroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728725(L2) Client No.: 89-307	Analyst Observation: Grey Plaster Client Description: Plaster Walls: Base Coat And Finish Coat	Location: NW Apartment-NW Corner Of Bedroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 1 Hair	99
Lab No.: 6728726 Client No.: 89-308	Analyst Observation: White Plaster Client Description: Plaster Walls: Base Coat And Finish Coat	Location: SE Apartment-North Wall Of Bedroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100

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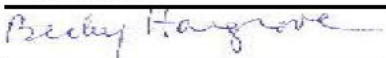
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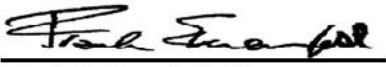
Client: Terracon 611 Lunken Park Drive Cincinnati OH 45226	Report Date: 3/7/2019 Report No.: 584587 - PLM Project: Montgomery Rd - Pleasant Ridge Project No.: N1197037
Client: TER940	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728726(L2) Client No.: 89-308	Analyst Observation: Grey Plaster Client Description: Plaster Walls: Base Coat And Finish Coat	Location: SE Apartment-North Wall Of Bedroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: Trace Cellulose Trace Hair	
Lab No.: 6728727 Client No.: 89-309	Analyst Observation: White Plaster Client Description: Plaster Walls: Base Coat And Finish Coat	Location: SE Apartment-SW Corner Of Living Rm; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728727(L2) Client No.: 89-309	Analyst Observation: Grey Plaster Client Description: Plaster Walls: Base Coat And Finish Coat	Location: SE Apartment-SW Corner Of Living Rm; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: Trace Cellulose	
Lab No.: 6728728 Client No.: 90-310	Analyst Observation: Tan Ceiling Texture Client Description: Textured Ceilings	Location: NW Corner Of Dining Rm In NW Apartment; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728729 Client No.: 90-311	Analyst Observation: Off-White Ceiling Texture Client Description: Textured Ceilings	Location: NE Corner Of Bedroom In NW Apartment; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

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Date Received: 2/28/2019
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Signature: 
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Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728730
Client No.: 90-312

Analyst Observation: White Ceiling Texture
Client Description: Textured Ceilings

Location: North End Of Living Rm In SW
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728731
Client No.: 90-313

Analyst Observation: White Ceiling Texture
Client Description: Textured Ceilings

Location: Middle Of SE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728732
Client No.: 90-314

Analyst Observation: Tan Ceiling Texture
Client Description: Textured Ceilings

Location: SE Corner Of Dining Rm In NE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728733
Client No.: 90-315

Analyst Observation: Tan Ceiling Texture
Client Description: Textured Ceilings

Location: SW Corner Of Living Rm In NE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728734
Client No.: 90-316

Analyst Observation: Tan Ceiling Texture
Client Description: Textured Ceilings

Location: NE Corner Of Dining Rm In NE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected


Percent Non-Asbestos Fibrous Material:
5 Cellulose

Facility:
Percent Non-Fibrous Material:
95

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Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 

Analyst: Rebecca Hargrove

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

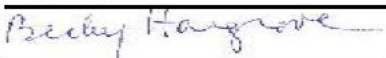
Report Date: 3/7/2019
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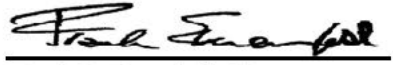
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728735 Client No.: 91-317	Analyst Observation: Brown Wall Cover Client Description: Wainscoting	Location: North Of Entry To NE Apartment; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 65 Cellulose	35
Lab No.: 6728736 Client No.: 91-318	Analyst Observation: Brown Wall Cover Client Description: Wainscoting	Location: South End Of Hallway On East Wall; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 65 Cellulose	35
Lab No.: 6728737 Client No.: 91-319	Analyst Observation: Brown Wall Cover Client Description: Wainscoting	Location: At Landing On West Wall; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 65 Cellulose	35
Lab No.: 6728738 Client No.: 92-320	Analyst Observation: Green Floor Tile Client Description: 12"x12" Peel And Stick Green Floor Tile W/Yellow Mastic	Location: At Entry To Kitchen, NE Apartment; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728738(L2) Client No.: 92-320	Analyst Observation: Clear Mastic Client Description: 12"x12" Peel And Stick Green Floor Tile W/Yellow Mastic	Location: At Entry To Kitchen, NE Apartment; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100

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Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728738(L3)
Client No.: 92-320

Analyst Observation: Brown/Black Mastic/Tar Paper
Client Description: 12"x12" Peel And Stick Green Floor Tile
W/Yellow Mastic

Location: At Entry To Kitchen, NE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
40 Cellulose

Facility:
Percent Non-Fibrous Material:
60

Lab No.: 6728739
Client No.: 92-321

Analyst Observation: Green Floor Tile
Client Description: 12"x12" Peel And Stick Green Floor Tile
W/Yellow Mastic

Location: At Entry To Pantry, NE
Apartment Kitchen; 6016-6018 Montgomery
Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728739(L2)
Client No.: 92-321

Analyst Observation: Clear Mastic
Client Description: 12"x12" Peel And Stick Green Floor Tile
W/Yellow Mastic

Location: At Entry To Pantry, NE
Apartment Kitchen; 6016-6018 Montgomery
Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728739(L3)
Client No.: 92-321

Analyst Observation: Brown/Black Mastic/Tar Paper
Client Description: 12"x12" Peel And Stick Green Floor Tile
W/Yellow Mastic

Location: At Entry To Pantry, NE
Apartment Kitchen; 6016-6018 Montgomery
Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
40 Cellulose

Facility:
Percent Non-Fibrous Material:
60

Lab No.: 6728740
Client No.: 92-322

Analyst Observation: Green Floor Tile
Client Description: 12"x12" Peel And Stick Green Floor Tile
W/Yellow Mastic

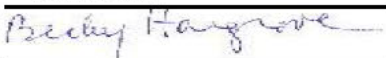
Location: At Entry To Pantry, NE
Apartment Kitchen; 6016-6018 Montgomery
Rd 2nd Fl Apartments

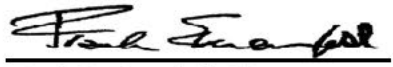
Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

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Cincinnati OH 45226

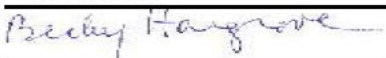
Client: TER940

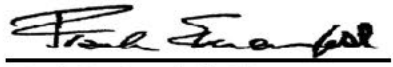
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728740(L2) Client No.: 92-322	Analyst Observation: Clear Mastic Client Description: 12"x12" Peel And Stick Green Floor Tile W/Yellow Mastic	Location: At Entry To Pantry, NE Apartment Kitchen; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728740(L3) Client No.: 92-322	Analyst Observation: Brown/Black Mastic/Tar Paper Client Description: 12"x12" Peel And Stick Green Floor Tile W/Yellow Mastic	Location: At Entry To Pantry, NE Apartment Kitchen; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 60
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 40 Cellulose	
Lab No.: 6728741 Client No.: 93-323	Analyst Observation: White Ceramic Client Description: 2"x4" White Ceramic Wall Tile W/Brown Mastic And Grout	Location: NE Apartment-East Of Entry; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728741(L2) Client No.: 93-323	Analyst Observation: Off-White Grout Client Description: 2"x4" White Ceramic Wall Tile W/Brown Mastic And Grout	Location: NE Apartment-East Of Entry; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728741(L3) Client No.: 93-323	Analyst Observation: Tan Mastic Client Description: 2"x4" White Ceramic Wall Tile W/Brown Mastic And Grout	Location: NE Apartment-East Of Entry; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

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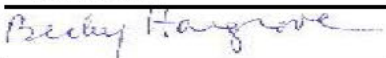
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037


Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728742 Client No.: 93-324	Analyst Observation: White Ceramic Client Description: 2"x4" White Ceramic Wall Tile W/Brown Mastic And Grout	Location: NE Apartment-NW Corner; 6016 -6018 Montgomery Rd 2nd Fl Apartments
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Facility: Percent Non-Fibrous Material: 100
Lab No.: 6728742(L2) Client No.: 93-324	Analyst Observation: Off-White Grout Client Description: 2"x4" White Ceramic Wall Tile W/Brown Mastic And Grout	Location: NE Apartment-NW Corner; 6016 -6018 Montgomery Rd 2nd Fl Apartments
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Facility: Percent Non-Fibrous Material: 100
Lab No.: 6728742(L3) Client No.: 93-324	Analyst Observation: Brown Mastic Client Description: 2"x4" White Ceramic Wall Tile W/Brown Mastic And Grout	Location: NE Apartment-NW Corner; 6016 -6018 Montgomery Rd 2nd Fl Apartments
Percent Asbestos: <i>PC 6.9 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	Facility: Percent Non-Fibrous Material: 93.1
Lab No.: 6728743 Client No.: 93-325	Analyst Observation: White Ceramic Client Description: 2"x4" White Ceramic Wall Tile W/Brown Mastic And Grout	Location: NW Apartment-SW Corner; 6016 -6018 Montgomery Rd 2nd Fl Apartments
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Facility: Percent Non-Fibrous Material: 100
Lab No.: 6728743(L2) Client No.: 93-325	Analyst Observation: Brown Mastic Client Description: 2"x4" White Ceramic Wall Tile W/Brown Mastic And Grout	Location: NW Apartment-SW Corner; 6016 -6018 Montgomery Rd 2nd Fl Apartments
Percent Asbestos: <i>PC 7.7 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	Facility: Percent Non-Fibrous Material: 92.3
Lab No.: 6728743(L3) Client No.: 93-325	Analyst Observation: White/Grey Plaster Client Description: 2"x4" White Ceramic Wall Tile W/Brown Mastic And Grout	Location: NW Apartment-SW Corner; 6016 -6018 Montgomery Rd 2nd Fl Apartments
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: Trace Cellulose	Facility: Percent Non-Fibrous Material: 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Rebecca Hargrove

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728744
Client No.: 94-326

Analyst Observation: Brown Fibrous
Client Description: Faux Ceramic Wall Tile Fiberglass
Reinforced Plastic W/Yellow Mastic

Location: NE Apartment-East Of Entry To
Kitchen; 6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
99 Cellulose

Facility:
Percent Non-Fibrous Material:
1

Lab No.: 6728744(L2)
Client No.: 94-326

Analyst Observation: Tan Mastic
Client Description: Faux Ceramic Wall Tile Fiberglass
Reinforced Plastic W/Yellow Mastic

Location: NE Apartment-East Of Entry To
Kitchen; 6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728744(L3)
Client No.: 94-326

Analyst Observation: White Plaster
Client Description: Faux Ceramic Wall Tile Fiberglass
Reinforced Plastic W/Yellow Mastic

Location: NE Apartment-East Of Entry To
Kitchen; 6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728745
Client No.: 94-327

Analyst Observation: Brown Fibrous
Client Description: Faux Ceramic Wall Tile Fiberglass
Reinforced Plastic W/Yellow Mastic

Location: NE Apartment-East Of Entry To
Kitchen; 6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
99 Cellulose

Facility:
Percent Non-Fibrous Material:
1

Lab No.: 6728745(L2)
Client No.: 94-327

Analyst Observation: Tan Mastic
Client Description: Faux Ceramic Wall Tile Fiberglass
Reinforced Plastic W/Yellow Mastic


Location: NE Apartment-East Of Entry To
Kitchen; 6016-6018 Montgomery Rd 2nd Fl
Apartments

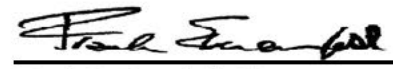
Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Zach Schwartz

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Client: TER940

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728745(L3)
Client No.: 94-327

Analyst Observation: White Plaster
Client Description: Faux Ceramic Wall Tile Fiberglass
Reinforced Plastic W/Yellow Mastic

Location: NE Apartment-East Of Entry To
Kitchen; 6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728746
Client No.: 94-328

Analyst Observation: Brown Fibrous
Client Description: Faux Ceramic Wall Tile Fiberglass
Reinforced Plastic W/Yellow Mastic

Location: NE Apartment-East Of Entry To
Kitchen; 6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
98 Cellulose

Facility:
Percent Non-Fibrous Material:
2

Lab No.: 6728746(L2)
Client No.: 94-328

Analyst Observation: Tan Mastic
Client Description: Faux Ceramic Wall Tile Fiberglass
Reinforced Plastic W/Yellow Mastic

Location: NE Apartment-East Of Entry To
Kitchen; 6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728746(L3)
Client No.: 94-328

Analyst Observation: White Plaster
Client Description: Faux Ceramic Wall Tile Fiberglass
Reinforced Plastic W/Yellow Mastic

Location: NE Apartment-East Of Entry To
Kitchen; 6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728747
Client No.: 95-329

Analyst Observation: Tan Vinyl Sheet Flooring
Client Description: Yellow Vinyl Sheet Flooring W/Black Tar
Paper


Location: At Entry To Pantry, NE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

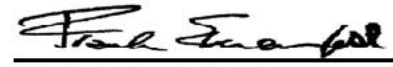
Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
15 Cellulose

Facility:
Percent Non-Fibrous Material:
85

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Zach Schwartz

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Client: TER940

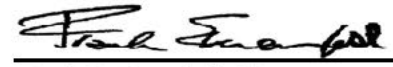
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728747(L2) Client No.: 95-329	Analyst Observation: Black Tar Paper Client Description: Yellow Vinyl Sheet Flooring W/Black Tar Paper	Location: At Entry To Pantry, NE Apartment; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 50 Cellulose	<u>Percent Non-Fibrous Material:</u> 50
Lab No.: 6728748 Client No.: 95-330	Analyst Observation: Tan Vinyl Sheet Flooring Client Description: Yellow Vinyl Sheet Flooring W/Black Tar Paper	Location: At Entry To Pantry, NE Apartment; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 15 Cellulose	<u>Percent Non-Fibrous Material:</u> 85
Lab No.: 6728748(L2) Client No.: 95-330	Analyst Observation: Black Tar Paper Client Description: Yellow Vinyl Sheet Flooring W/Black Tar Paper	Location: At Entry To Pantry, NE Apartment; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 50 Cellulose	<u>Percent Non-Fibrous Material:</u> 50
Lab No.: 6728749 Client No.: 95-331	Analyst Observation: Tan Vinyl Sheet Flooring Client Description: Yellow Vinyl Sheet Flooring W/Black Tar Paper	Location: At Entry To Pantry, NE Apartment; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 15 Cellulose	<u>Percent Non-Fibrous Material:</u> 85
Lab No.: 6728749(L2) Client No.: 95-331	Analyst Observation: Black Tar Paper Client Description: Yellow Vinyl Sheet Flooring W/Black Tar Paper	Location: At Entry To Pantry, NE Apartment; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 50 Cellulose	<u>Percent Non-Fibrous Material:</u> 50

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Zach Schwartz

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728750
Client No.: 96-332

Analyst Observation: Grey Floor Tile
Client Description: 12"x12" Grey Floor Tile WYellow Mastic

Location: Middle Of NE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728750(L2)
Client No.: 96-332

Analyst Observation: Clear Mastic
Client Description: 12"x12" Grey Floor Tile WYellow Mastic

Location: Middle Of NE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728751
Client No.: 96-333

Analyst Observation: Grey Floor Tile
Client Description: 12"x12" Grey Floor Tile WYellow Mastic

Location: Middle Of SE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728751(L2)
Client No.: 96-333

Analyst Observation: Clear Mastic
Client Description: 12"x12" Grey Floor Tile WYellow Mastic

Location: Middle Of SE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728752
Client No.: 96-334

Analyst Observation: Grey Floor Tile
Client Description: 12"x12" Grey Floor Tile WYellow Mastic

Location: Middle Of SE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

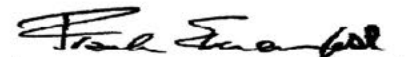
Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 

Analyst: Zach Schwartz

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

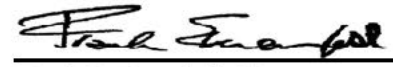
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728752(L2) Client No.: 96-334	Analyst Observation: Clear Mastic Client Description: 12"x12" Grey Floor Tile WYellow Mastic	Location: Middle Of SE Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728753 Client No.: 97-335	Analyst Observation: White Ceramic Client Description: 1"x1": Hexagon Shaped Ceramic Floor Tile, Mortar And Grout	Location: Middle Of SE Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: 1s Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728753(L2) Client No.: 97-335	Analyst Observation: Grey Grout Client Description: 1"x1": Hexagon Shaped Ceramic Floor Tile, Mortar And Grout	Location: Middle Of SE Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: 1s Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728753(L3) Client No.: 97-335	Analyst Observation: Grey Mortar Client Description: 1"x1": Hexagon Shaped Ceramic Floor Tile, Mortar And Grout	Location: Middle Of SE Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: 1s Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728753(L4) Client No.: 97-335	Analyst Observation: Clear Mastic Client Description: 1"x1": Hexagon Shaped Ceramic Floor Tile, Mortar And Grout	Location: Middle Of SE Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: 1s Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Zach Schwartz

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728754
Client No.: 97-336

Analyst Observation: White Ceramic
Client Description: 1"x1": Hexagon Shaped Ceramic Floor
Tile, Mortar And Grout

Location: Middle Of NE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728754(L2)
Client No.: 97-336

Analyst Observation: Grey Grout
Client Description: 1"x1": Hexagon Shaped Ceramic Floor
Tile, Mortar And Grout

Location: Middle Of NE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728754(L3)
Client No.: 97-336

Analyst Observation: Grey Mortar
Client Description: 1"x1": Hexagon Shaped Ceramic Floor
Tile, Mortar And Grout

Location: Middle Of NE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728754(L4)
Client No.: 97-336

Analyst Observation: Clear Mastic
Client Description: 1"x1": Hexagon Shaped Ceramic Floor
Tile, Mortar And Grout

Location: Middle Of NE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728755
Client No.: 97-337

Analyst Observation: White Ceramic
Client Description: 1"x1": Hexagon Shaped Ceramic Floor
Tile, Mortar And Grout

Location: Middle Of NE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.


Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 

Analyst: Zach Schwartz

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728755(L2)
Client No.: 97-337

Analyst Observation: Grey Grout
Client Description: 1"x1": Hexagon Shaped Ceramic Floor
Tile, Mortar And Grout

Location: Middle Of NE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728755(L3)
Client No.: 97-337

Analyst Observation: Grey Mortar
Client Description: 1"x1": Hexagon Shaped Ceramic Floor
Tile, Mortar And Grout

Location: Middle Of NE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728755(L4)
Client No.: 97-337

Analyst Observation: Clear Mastic
Client Description: 1"x1": Hexagon Shaped Ceramic Floor
Tile, Mortar And Grout

Location: Middle Of NE Apartment
Restroom; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728756
Client No.: 98-338

Analyst Observation: White Ceramic
Client Description: 3"x6" White Ceramic Wall Tile W/Yellow
Mastic And Grout

Location: SE Apartment In SW Corner;
6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728757
Client No.: 98-339

Analyst Observation: White Ceramic
Client Description: 3"x6" White Ceramic Wall Tile W/Yellow
Mastic And Grout

Location: NE Apartment East Of Sink;
6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.


Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 

Analyst: Zach Schwartz

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

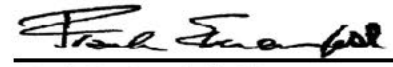
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728757(L2) Client No.: 98-339	Analyst Observation: Grey Grout Client Description: 3"x6" White Ceramic Wall Tile W/Yellow Mastic And Grout	Location: NE Apartment East Of Sink; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728758 Client No.: 98-340	Analyst Observation: White Ceramic Client Description: 3"x6" White Ceramic Wall Tile W/Yellow Mastic And Grout	Location: NE Apartment East Of Sink; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728758(L2) Client No.: 98-340	Analyst Observation: Grey Grout Client Description: 3"x6" White Ceramic Wall Tile W/Yellow Mastic And Grout	Location: NE Apartment East Of Sink; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728759 Client No.: 99-341	Analyst Observation: Brown Mastic Client Description: Yellow Mastic Behind Wood Panels	Location: NE Apartment-South Room In Middle Of South Wall; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728760 Client No.: 99-342	Analyst Observation: Tan Mastic Client Description: Yellow Mastic Behind Wood Panels	Location: NW Apartment-NW Room In Middle Of West Wall; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Zach Schwartz

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728761
Client No.: 99-343

Analyst Observation: Brown Mastic
Client Description: Yellow Mastic Behind Wood Panels

Location: SE Apartment In Bedroom -
Middle Of North Wall; 6016-6018
Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected


Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 

Analyst: Zach Schwartz

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728762
Client No.: 100-344

Analyst Observation: Grey Vinyl Sheet Flooring
Client Description: Grey Rectangular Shaped Peel And Stick Floor Tile W/Yellow Mastic

Location: NE Corner, NW Apartment
Kitchen Floor; 6016-6018 Montgomery Rd
2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728762(L2)
Client No.: 100-344

Analyst Observation: Yellow Mastic
Client Description: Grey Rectangular Shaped Peel And Stick Floor Tile W/Yellow Mastic

Location: NE Corner, NW Apartment
Kitchen Floor; 6016-6018 Montgomery Rd
2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728763
Client No.: 100-345

Analyst Observation: Grey Vinyl Sheet Flooring
Client Description: Grey Rectangular Shaped Peel And Stick Floor Tile W/Yellow Mastic

Location: SW Corner, NW Apartment
Kitchen Floor; 6016-6018 Montgomery Rd
2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728763(L2)
Client No.: 100-345

Analyst Observation: Yellow Mastic
Client Description: Grey Rectangular Shaped Peel And Stick Floor Tile W/Yellow Mastic

Location: SW Corner, NW Apartment
Kitchen Floor; 6016-6018 Montgomery Rd
2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728764
Client No.: 100-346

Analyst Observation: Grey Vinyl Sheet Flooring
Client Description: Grey Rectangular Shaped Peel And Stick Floor Tile W/Yellow Mastic

Location: SE Corner, NW Apartment
Kitchen Floor; 6016-6018 Montgomery Rd
2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

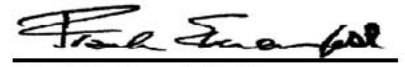
Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 
Analyst: Robert Betsch

Approved By:


Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Client: TER940

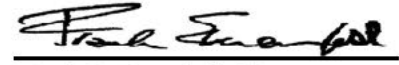
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728764(L2) Client No.: 100-346	Analyst Observation: Yellow Mastic Client Description: Grey Rectangular Shaped Peel And Stick Floor Tile W/Yellow Mastic	Location: SE Corner, NW Apartment Kitchen Floor; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 6728765 Client No.: 101-347	Analyst Observation: White Caulk Client Description: White Caulking	Location: West Side Of Sink, Around Sink In NW Apartment; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 6728766 Client No.: 101-348	Analyst Observation: White Caulk Client Description: White Caulking	Location: West Side Of Sink, Around Sink In NW Apartment; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 6728767 Client No.: 101-349	Analyst Observation: White Caulk Client Description: White Caulking	Location: West Side Of Sink, Around Sink In NW Apartment; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 6728768 Client No.: 102-350	Analyst Observation: White/Brown Ceramic Tile Client Description: White Multi-Sized Floor Tile W/ Mortar And Grout	Location: At Doorway, NW Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Robert Betsch

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Client: TER940

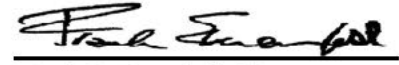
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728768(L2) Client No.: 102-350	Analyst Observation: Grey Grout Client Description: White Multi-Sized Floor Tile W/ Mortar And Grout	Location: At Doorway, NW Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728768(L3) Client No.: 102-350	Analyst Observation: Grey Mortar Client Description: White Multi-Sized Floor Tile W/ Mortar And Grout	Location: At Doorway, NW Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728769 Client No.: 102-351	Analyst Observation: White/Brown Ceramic Tile Client Description: White Multi-Sized Floor Tile W/ Mortar And Grout	Location: At Doorway, NW Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728769(L2) Client No.: 102-351	Analyst Observation: Grey Grout Client Description: White Multi-Sized Floor Tile W/ Mortar And Grout	Location: At Doorway, NW Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100
Lab No.: 6728770 Client No.: 102-352	Analyst Observation: White/Brown Ceramic Tile Client Description: White Multi-Sized Floor Tile W/ Mortar And Grout	Location: Middle Of North Wall, NW Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Robert Betsch

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director


CERTIFICATE OF ANALYSIS

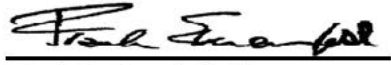
Client: Terracon 611 Lunken Park Drive Cincinnati OH 45226	Report Date: 3/7/2019 Report No.: 584587 - PLM Project: Montgomery Rd - Pleasant Ridge Project No.: N1197037
Client: TER940	

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728770(L2) Client No.: 102-352	Analyst Observation: Grey Grout Client Description: White Multi-Sized Floor Tile W/ Mortar And Grout	Location: Middle Of North Wall, NW Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 6728770(L3) Client No.: 102-352	Analyst Observation: Grey Mortar Client Description: White Multi-Sized Floor Tile W/ Mortar And Grout	Location: Middle Of North Wall, NW Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 6728771 Client No.: 103-353	Analyst Observation: White Ceramic Tile Client Description: 4"x4" Ceramic Wall Tile W/Mortar And Grout	Location: Above Sink, NW Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 6728771(L2) Client No.: 103-353	Analyst Observation: Tan Mastic Client Description: 4"x4" Ceramic Wall Tile W/Mortar And Grout	Location: Above Sink, NW Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	
Lab No.: 6728771(L3) Client No.: 103-353	Analyst Observation: Grey Grout Client Description: 4"x4" Ceramic Wall Tile W/Mortar And Grout	Location: Above Sink, NW Apartment Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments Facility: Percent Non-Fibrous Material: 100
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	

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Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Robert Betsch

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728772
Client No.: 103-354

Analyst Observation: White Ceramic Tile
Client Description: 4"x4" Ceramic Wall Tile W/Mortar And Grout

Location: Above Sink, NW Apartment
Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728772(L2)
Client No.: 103-354

Analyst Observation: Tan Mastic
Client Description: 4"x4" Ceramic Wall Tile W/Mortar And Grout

Location: Above Sink, NW Apartment
Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728773
Client No.: 103-355

Analyst Observation: White Ceramic Tile
Client Description: 4"x4" Ceramic Wall Tile W/Mortar And Grout

Location: Above Sink, NW Apartment
Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728773(L2)
Client No.: 103-355

Analyst Observation: Tan Mastic
Client Description: 4"x4" Ceramic Wall Tile W/Mortar And Grout

Location: Above Sink, NW Apartment
Restroom; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

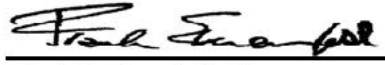
Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature: 
Analyst: Robert Betsch

Approved By:


Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728774
Client No.: 104-356

Analyst Observation: Off-White Floor Tile
Client Description: 12"x12" Beige Peel And Stick Floor Tile
W/Yellow Mastic

Location: Near Exit Door Of Kitchen, SE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728774(L2)
Client No.: 104-356

Analyst Observation: Yellow Mastic
Client Description: 12"x12" Beige Peel And Stick Floor Tile
W/Yellow Mastic

Location: Near Exit Door Of Kitchen, SE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728775
Client No.: 104-357

Analyst Observation: Off-White Floor Tile
Client Description: 12"x12" Beige Peel And Stick Floor Tile
W/Yellow Mastic

Location: Near Entry To Bedroom, SE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728775(L2)
Client No.: 104-357

Analyst Observation: Yellow Mastic
Client Description: 12"x12" Beige Peel And Stick Floor Tile
W/Yellow Mastic

Location: Near Entry To Bedroom, SE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728776
Client No.: 104-358

Analyst Observation: Off-White Floor Tile
Client Description: 12"x12" Beige Peel And Stick Floor Tile
W/Yellow Mastic

Location: Near Entry To Dining Rm From
Living Rm, SE Apartment; 6016-6018
Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Randy Caran

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728776(L2)
Client No.: 104-358

Analyst Observation: Yellow Mastic
Client Description: 12"x12" Beige Peel And Stick Floor Tile
W/Yellow Mastic

Location: Near Entry To Dining Rm From
Living Rm, SE Apartment; 6016-6018
Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728777
Client No.: 105-359

Analyst Observation: White Ceiling Tile
Client Description: 2'x4' Textured Ceiling Tile

Location: SW Corner, Living Rm Of SE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
60 Cellulose
20 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
20

Lab No.: 6728778
Client No.: 105-360

Analyst Observation: White Ceiling Tile
Client Description: 2'x4' Textured Ceiling Tile

Location: Middle Of North Side, Living
Rm Of SE Apartment; 6016-6018
Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
60 Cellulose
20 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
20

Lab No.: 6728779
Client No.: 105-361

Analyst Observation: White Ceiling Tile
Client Description: 2'x4' Textured Ceiling Tile

Location: SE Corner, Living Rm Of SE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
60 Cellulose
20 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
20

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Randy Caran

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728780
Client No.: 106-362

Analyst Observation: White Ceiling Tile
Client Description: 2'x4' Small Fissure Ceiling Tile

Location: NE Corner, Kitchen Of SE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
60 Cellulose
20 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
20

Lab No.: 6728781
Client No.: 106-363

Analyst Observation: White Ceiling Tile
Client Description: 2'x4' Small Fissure Ceiling Tile

Location: SE Corner, Kitchen Of SE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
60 Cellulose
20 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
20

Lab No.: 6728782
Client No.: 106-364

Analyst Observation: White Ceiling Tile
Client Description: 2'x4' Small Fissure Ceiling Tile

Location: SW Corner, Kitchen Of SE
Apartment; 6016-6018 Montgomery Rd 2nd
Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
60 Cellulose
20 Fibrous Glass

Facility:
Percent Non-Fibrous Material:
20

Lab No.: 6728783
Client No.: 107-365

Analyst Observation: White Vinyl Sheet Flooring
Client Description: Tan Vinyl Sheet Flooring W/Yellow
Mastic

Location: In Attic Closet, SW Apartment
Kitchen; 6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
50 Cellulose

Facility:
Percent Non-Fibrous Material:
50

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Randy Caran

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728783(L2)
Client No.: 107-365

Analyst Observation: White Mastic
Client Description: Tan Vinyl Sheet Flooring W/Yellow Mastic

Location: In Attic Closet, SW Apartment Kitchen; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728783(L3)
Client No.: 107-365

Analyst Observation: Grey Vinyl Sheet Flooring
Client Description: Tan Vinyl Sheet Flooring W/Yellow Mastic

Location: In Attic Closet, SW Apartment Kitchen; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
70 Cellulose

Facility:
Percent Non-Fibrous Material:
30

Lab No.: 6728784
Client No.: 107-366

Analyst Observation: White Vinyl Sheet Flooring
Client Description: Tan Vinyl Sheet Flooring W/Yellow Mastic

Location: In Attic Closet, SW Apartment Kitchen; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
50 Cellulose

Facility:
Percent Non-Fibrous Material:
50

Lab No.: 6728784(L2)
Client No.: 107-366

Analyst Observation: White Mastic
Client Description: Tan Vinyl Sheet Flooring W/Yellow Mastic

Location: In Attic Closet, SW Apartment Kitchen; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728784(L3)
Client No.: 107-366

Analyst Observation: Grey Vinyl Sheet Flooring
Client Description: Tan Vinyl Sheet Flooring W/Yellow Mastic

Location: In Attic Closet, SW Apartment Kitchen; 6016-6018 Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
70 Cellulose

Facility:
Percent Non-Fibrous Material:
30

Please refer to the Appendix of this report for further information regarding your analysis.

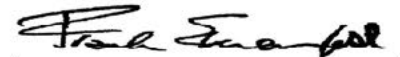
Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Randy Caran

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728785
Client No.: 107-367

Analyst Observation: White Vinyl Sheet Flooring
Client Description: Tan Vinyl Sheet Flooring W/Yellow
Mastic

Location: In Attic Closet, SW Apartment
Kitchen; 6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
50 Cellulose

Facility:
Percent Non-Fibrous Material:
50

Lab No.: 6728785(L2)
Client No.: 107-367

Analyst Observation: White Mastic
Client Description: Tan Vinyl Sheet Flooring W/Yellow
Mastic

Location: In Attic Closet, SW Apartment
Kitchen; 6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728785(L3)
Client No.: 107-367

Analyst Observation: Grey Vinyl Sheet Flooring
Client Description: Tan Vinyl Sheet Flooring W/Yellow
Mastic

Location: In Attic Closet, SW Apartment
Kitchen; 6016-6018 Montgomery Rd 2nd Fl
Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
70 Cellulose

Facility:
Percent Non-Fibrous Material:
30

Lab No.: 6728786
Client No.: 108-368

Analyst Observation: Black Insulation
Client Description: Brown Insulation

Location: At Attic Hatch; 6016-6018
Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
100 Mineral Wool

Facility:
Percent Non-Fibrous Material:
None Detected

Lab No.: 6728787
Client No.: 108-369

Analyst Observation: Black Insulation
Client Description: Brown Insulation

Location: At Attic Hatch; 6016-6018
Montgomery Rd 2nd Fl Apartments

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
100 Mineral Wool

Facility:
Percent Non-Fibrous Material:
None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

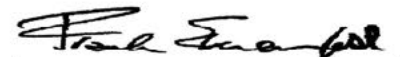
Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Randy Caran

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728788
Client No.: 108-370

Analyst Observation: Black Insulation
Client Description: Brown Insulation

Location: At Attic Hatch; 6016-6018
Montgomery Rd 2nd Fl Apartments
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
100 Mineral Wool

Percent Non-Fibrous Material:
None Detected

Lab No.: 6728789
Client No.: 108-371

Analyst Observation: Black Insulation
Client Description: Brown Insulation

Location: At Attic Hatch; 6016-6018
Montgomery Rd 2nd Fl Apartments
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
100 Mineral Wool

Percent Non-Fibrous Material:
None Detected

Lab No.: 6728790
Client No.: 108-372

Analyst Observation: Black Insulation
Client Description: Brown Insulation

Location: At Attic Hatch; 6016-6018
Montgomery Rd 2nd Fl Apartments
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
100 Mineral Wool

Percent Non-Fibrous Material:
None Detected

Lab No.: 6728791
Client No.: 108-373

Analyst Observation: Black Insulation
Client Description: Brown Insulation

Location: At Attic Hatch; 6016-6018
Montgomery Rd 2nd Fl Apartments
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
100 Mineral Wool

Percent Non-Fibrous Material:
None Detected

Lab No.: 6728792
Client No.: 108-374

Analyst Observation: Black Insulation
Client Description: Brown Insulation

Location: At Attic Hatch; 6016-6018
Montgomery Rd 2nd Fl Apartments
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
100 Mineral Wool

Percent Non-Fibrous Material:
None Detected

Lab No.: 6728793
Client No.: 109-375

Analyst Observation: Grey Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat

Location: NW Side Of West Wall, 1st Floor;
6024 Montgomery Rd Interior

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.


Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Randy Caran

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Client: TER940

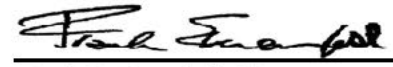
Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728793(L2) Client No.: 109-375	Analyst Observation: Yellow Plaster Client Description: Plaster Walls: Base Coat And Finished Coat	Location: NW Side Of West Wall, 1st Floor; 6024 Montgomery Rd Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728794 Client No.: 109-376	Analyst Observation: Grey Plaster Client Description: Plaster Walls: Base Coat And Finished Coat	Location: NE Corner, 1st Floor; 6024 Montgomery Rd Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728794(L2) Client No.: 109-376	Analyst Observation: Yellow Plaster Client Description: Plaster Walls: Base Coat And Finished Coat	Location: NE Corner, 1st Floor; 6024 Montgomery Rd Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728795 Client No.: 109-377	Analyst Observation: Grey Plaster Client Description: Plaster Walls: Base Coat And Finished Coat	Location: Near Entry To South Stairwell, 1st Floor; 6024 Montgomery Rd Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728795(L2) Client No.: 109-377	Analyst Observation: Yellow Plaster Client Description: Plaster Walls: Base Coat And Finished Coat	Location: Near Entry To South Stairwell, 1st Floor; 6024 Montgomery Rd Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728796 Client No.: 110-378	Analyst Observation: White Drywall Client Description: Drywall System: Drywall And Joint Compound	Location: Near NE Entry Door, North End Of 1st Floor; 6024 Montgomery Rd Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 5 Cellulose	<u>Percent Non-Fibrous Material:</u> 95

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Randy Caran

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728796(L2)
Client No.: 110-378

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Near NE Entry Door, North End Of 1st Floor; 6024 Montgomery Rd Interior
Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

Lab No.: 6728797
Client No.: 110-379

Analyst Observation: White Drywall
Client Description: Drywall System: Drywall And Joint Compound

Location: NE Side Of Store Window, North End Of 1st Floor; 6024 Montgomery Rd Interior
Facility:
Percent Non-Fibrous Material:
95

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
5 Cellulose

Lab No.: 6728797(L2)
Client No.: 110-379

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound

Location: NE Side Of Store Window, North End Of 1st Floor; 6024 Montgomery Rd Interior
Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Lab No.: 6728798
Client No.: 110-380

Analyst Observation: White Drywall
Client Description: Drywall System: Drywall And Joint Compound
Percent Non-Asbestos Fibrous Material:
5 Cellulose

Location: NE Side Of Space, North End Of 1st Floor; 6024 Montgomery Rd Interior
Facility:
Percent Non-Fibrous Material:
95

Percent Asbestos:
None Detected

Lab No.: 6728798(L2)
Client No.: 110-380

Analyst Observation: White Joint Compound
Client Description: Drywall System: Drywall And Joint Compound
Percent Non-Asbestos Fibrous Material:
None Detected

Location: NE Side Of Space, North End Of 1st Floor; 6024 Montgomery Rd Interior
Facility:
Percent Non-Fibrous Material:
100

Percent Asbestos:
None Detected

Please refer to the Appendix of this report for further information regarding your analysis.

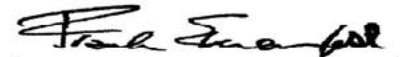
Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Randy Caran

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

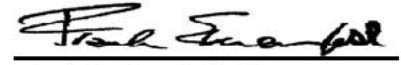
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728799 Client No.: 111-381	Analyst Observation: Brown Cove Base Client Description: 4" Brown Cove Base W/Brown Mastic	Location: NW Corner, 1st Floor; 6024 Montgomery Rd Interior Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728799(L2) Client No.: 111-381	Analyst Observation: Brown Mastic Client Description: 4" Brown Cove Base W/Brown Mastic	Location: NW Corner, 1st Floor; 6024 Montgomery Rd Interior Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728800 Client No.: 111-382	Analyst Observation: Brown Cove Base Client Description: 4" Brown Cove Base W/Brown Mastic	Location: Near NE Entry, 1st Floor; 6024 Montgomery Rd Interior Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728800(L2) Client No.: 111-382	Analyst Observation: Brown Mastic Client Description: 4" Brown Cove Base W/Brown Mastic	Location: Near NE Entry, 1st Floor; 6024 Montgomery Rd Interior Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728801 Client No.: 111-383	Analyst Observation: Brown Cove Base Client Description: 4" Brown Cove Base W/Brown Mastic	Location: Near Restroom Entry, 1st Floor; 6024 Montgomery Rd Interior Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100
Lab No.: 6728801(L2) Client No.: 111-383	Analyst Observation: Brown Mastic Client Description: 4" Brown Cove Base W/Brown Mastic	Location: Near Restroom Entry, 1st Floor; 6024 Montgomery Rd Interior Facility: Percent Non-Fibrous Material:
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	Percent Non-Fibrous Material: 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Randy Caran

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728802
Client No.: 112-384

Analyst Observation: Brown Cove Base
Client Description: 4" Brown Cove Base w/Brown Mastic

Location: North Side Of West Wall; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728802(L2)
Client No.: 112-384

Analyst Observation: Brown Mastic
Client Description: 4" Brown Cove Base w/Brown Mastic

Location: North Side Of West Wall; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728803
Client No.: 112-385

Analyst Observation: Brown Cove Base
Client Description: 4" Brown Cove Base w/Brown Mastic

Location: NW Corner; 6024 Montgomery
Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728803(L2)
Client No.: 112-385

Analyst Observation: Brown Mastic
Client Description: 4" Brown Cove Base w/Brown Mastic

Location: NW Corner; 6024 Montgomery
Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728804
Client No.: 112-386

Analyst Observation: Brown Cove Base
Client Description: 4" Brown Cove Base w/Brown Mastic

Location: NE Corner; 6024 Montgomery
Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728804(L2)
Client No.: 112-386

Analyst Observation: Brown Mastic
Client Description: 4" Brown Cove Base w/Brown Mastic

Location: NE Corner; 6024 Montgomery
Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Ellen Smith

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728805
Client No.: 113-387

Analyst Observation: White Mastic
Client Description: White Mastic

Location: South Exit Door; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728806
Client No.: 113-388

Analyst Observation: White Mastic
Client Description: White Mastic

Location: South Exit Door; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728807
Client No.: 113-389

Analyst Observation: White Mastic
Client Description: White Mastic

Location: South Exit Door; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728808
Client No.: 114-390

Analyst Observation: Brown Paper
Client Description: Paper Beneath Concrete Slab

Location: North Center Of Room; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
95 Cellulose

Percent Non-Fibrous Material:
5

Lab No.: 6728808(L2)
Client No.: 114-390

Analyst Observation: Grey Concrete
Client Description: Paper Beneath Concrete Slab

Location: North Center Of Room; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728809
Client No.: 114-391

Analyst Observation: Brown Paper
Client Description: Paper Beneath Concrete Slab

Location: Center Of Room; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
95 Cellulose

Percent Non-Fibrous Material:
5

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Ellen Smith

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728810
Client No.: 114-392

Analyst Observation: Brown Paper
Client Description: Paper Beneath Concrete Slab

Location: South Center Of Room; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
95 Cellulose

Percent Non-Fibrous Material:
5

Lab No.: 6728810(L2)
Client No.: 114-392

Analyst Observation: Grey Concrete
Client Description: Paper Beneath Concrete Slab

Location: South Center Of Room; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728811
Client No.: 115-393

Analyst Observation: Black Mastic
Client Description: Black Floor Mastic And White Floor
Leveler

Location: Top Of N Steps; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Percent Non-Fibrous Material:
99

Lab No.: 6728811(L2)
Client No.: 115-393

Analyst Observation: Off-White Leveling Compound
Client Description: Black Floor Mastic And White Floor
Leveler

Location: Top Of N Steps; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Percent Non-Fibrous Material:
99

Lab No.: 6728812
Client No.: 115-394

Analyst Observation: Black Mastic
Client Description: Black Floor Mastic And White Floor
Leveler

Location: NE Corner Of Office Area; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Percent Non-Fibrous Material:
99

Lab No.: 6728812(L2)
Client No.: 115-394

Analyst Observation: Off-White Leveling Compound
Client Description: Black Floor Mastic And White Floor
Leveler

Location: NE Corner Of Office Area; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Ellen Smith

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037


Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728813 Client No.: 115-395 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Black Mastic Client Description: Black Floor Mastic And White Floor Leveler <u>Percent Non-Asbestos Fibrous Material:</u> 1 Cellulose	Location: NW Corner Of Office Area; 6024 Montgomery Road-Interior Facility: <u>Percent Non-Fibrous Material:</u> 99
Lab No.: 6728813(L2) Client No.: 115-395 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Off-White Leveling Compound Client Description: Black Floor Mastic And White Floor Leveler <u>Percent Non-Asbestos Fibrous Material:</u> 1 Cellulose	Location: NW Corner Of Office Area; 6024 Montgomery Road-Interior Facility: <u>Percent Non-Fibrous Material:</u> 99
Lab No.: 6728814 Client No.: 116-396 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Brown Mastic Client Description: Brown Mastic Behind Black Panels <u>Percent Non-Asbestos Fibrous Material:</u> 1 Cellulose	Location: Middle Of West Wall; 6024 Montgomery Road-Interior Facility: <u>Percent Non-Fibrous Material:</u> 99
Lab No.: 6728814(L2) Client No.: 116-396 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Black Panel Client Description: Brown Mastic Behind Black Panels <u>Percent Non-Asbestos Fibrous Material:</u> 10 Cellulose	Location: Middle Of West Wall; 6024 Montgomery Road-Interior Facility: <u>Percent Non-Fibrous Material:</u> 90
Lab No.: 6728815 Client No.: 116-397 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Brown Mastic Client Description: Brown Mastic Behind Black Panels <u>Percent Non-Asbestos Fibrous Material:</u> 1 Cellulose	Location: Middle Of West Wall; 6024 Montgomery Road-Interior Facility: <u>Percent Non-Fibrous Material:</u> 99
Lab No.: 6728815(L2) Client No.: 116-397 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Black Panel Client Description: Brown Mastic Behind Black Panels <u>Percent Non-Asbestos Fibrous Material:</u> 7 Cellulose	Location: Middle Of West Wall; 6024 Montgomery Road-Interior Facility: <u>Percent Non-Fibrous Material:</u> 93

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037


Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728816 Client No.: 116-398	Analyst Observation: Brown Mastic Client Description: Brown Mastic Behind Black Panels	Location: Middle Of West Wall; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 1 Cellulose	<u>Percent Non-Fibrous Material:</u> 99
Lab No.: 6728816(L2) Client No.: 116-398	Analyst Observation: Black Panel Client Description: Brown Mastic Behind Black Panels	Location: Middle Of West Wall; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 7 Cellulose	<u>Percent Non-Fibrous Material:</u> 93
Lab No.: 6728817 Client No.: 117-399	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: SE Corner; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728817(L2) Client No.: 117-399	Analyst Observation: Off-White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: SE Corner; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728817(L3) Client No.: 117-399	Analyst Observation: White Texture Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: SE Corner; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728818 Client No.: 117-400	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: NE Corner; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

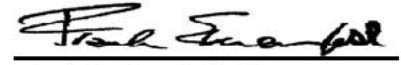
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728818(L2) Client No.: 117-400	Analyst Observation: Off-White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: NE Corner; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728818(L3) Client No.: 117-400	Analyst Observation: White Texture Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: NE Corner; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728819 Client No.: 117-401	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: NW Corner; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728819(L2) Client No.: 117-401	Analyst Observation: Off-White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: NW Corner; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728819(L3) Client No.: 117-401	Analyst Observation: White Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: NW Corner; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728820 Client No.: 117-402	Analyst Observation: Grey Plaster Client Description: Plaster Ceilings: Base Coat And Finished Coat	Location: SW Corner; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728820(L2)
Client No.: 117-402

Analyst Observation: Off-White Plaster
Client Description: Plaster Ceilings: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: SW Corner; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728820(L3)
Client No.: 117-402

Analyst Observation: White Texture
Client Description: Plaster Ceilings: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: SW Corner; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728821
Client No.: 117-403

Analyst Observation: Grey Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Center Of Room; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728821(L2)
Client No.: 117-403

Analyst Observation: Off-White Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Center Of Room; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728822
Client No.: 118-404

Analyst Observation: Grey Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected


Location: SW Corner Of Office; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

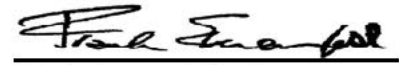
Lab No.: 6728822(L2)
Client No.: 118-404

Analyst Observation: Off-White Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: SW Corner Of Office; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728823
Client No.: 118-405

Analyst Observation: Grey Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: SE Corner Of Office; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728823(L2)
Client No.: 118-405

Analyst Observation: Off-White Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: SE Corner Of Office; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728824
Client No.: 118-406

Analyst Observation: Grey Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Hallway Outside Restroom On E Wall; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728824(L2)
Client No.: 118-406

Analyst Observation: Off-White Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Hallway Outside Restroom On E Wall; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728824(L3)
Client No.: 118-406

Analyst Observation: White Texture
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Hallway Outside Restroom On E Wall; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728825
Client No.: 118-407

Analyst Observation: Grey Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Near S Stairwell; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Ellen Smith

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728825(L2)
Client No.: 118-407

Analyst Observation: Off-White Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Near S Stairwell; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728825(L3)
Client No.: 118-407

Analyst Observation: White Texture
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: Near S Stairwell; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728826
Client No.: 118-408

Analyst Observation: Grey Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: NW Corner Of S Room; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728826(L2)
Client No.: 118-408

Analyst Observation: Off-White Plaster
Client Description: Plaster Walls: Base Coat And Finished Coat
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: NW Corner Of S Room; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728827
Client No.: 119-409

Analyst Observation: Black Cove Base
Client Description: 4" Black Cove Base w/Yellow Mastic
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: NE Corner; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Lab No.: 6728828
Client No.: 119-410

Analyst Observation: Black Cove Base
Client Description: 4" Black Cove Base w/Yellow Mastic
Percent Asbestos:
None Detected
Percent Non-Asbestos Fibrous Material:
None Detected

Location: NW Corner; 6024 Montgomery Road-Interior
Facility:
Percent Non-Fibrous Material:
100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Ellen Smith

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

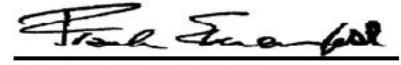
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728829 Client No.: 4119-11	Analyst Observation: Black Cove Base Client Description: 4" Black Cove Base w/Yellow Mastic	Location: SW Corner; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728830 Client No.: 120-412	Analyst Observation: Lt Tan Drywall Client Description: Drywall System:Drywall And Joint Compound	Location: W Side; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 15 Cellulose	<u>Percent Non-Fibrous Material:</u> 85
Lab No.: 6728830(L2) Client No.: 120-412	Analyst Observation: White Joint Compound Client Description: Drywall System:Drywall And Joint Compound	Location: W Side; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728831 Client No.: 120-413	Analyst Observation: Lt Tan Drywall Client Description: Drywall System:Drywall And Joint Compound	Location: W Side; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 5 Cellulose	<u>Percent Non-Fibrous Material:</u> 95
Lab No.: 6728831(L2) Client No.: 120-413	Analyst Observation: White Joint Compound Client Description: Drywall System:Drywall And Joint Compound	Location: W Side; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728831(L3) Client No.: 120-413	Analyst Observation: White Texture Client Description: Drywall System:Drywall And Joint Compound	Location: W Side; 6024 Montgomery Road-Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

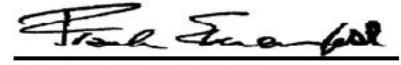
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728832 Client No.: 120-414 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Lt Tan Drywall Client Description: Drywall System:Drywall And Joint Compound <u>Percent Non-Asbestos Fibrous Material:</u> 10 Cellulose	Location: E Side; 6024 Montgomery Road-Interior Facility: <u>Percent Non-Fibrous Material:</u> 90
Lab No.: 6728832(L2) Client No.: 120-414 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Joint Compound Client Description: Drywall System:Drywall And Joint Compound <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: E Side; 6024 Montgomery Road-Interior Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728833 Client No.: 121-415 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Wall Texture Client Description: White Textured Wall <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: N Wall In Center; 6024 Montgomery Road-Interior Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728833(L2) Client No.: 121-415 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: Off-White Plaster Client Description: White Textured Wall <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: N Wall In Center; 6024 Montgomery Road-Interior Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728834 Client No.: 121-416 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Wall Texture Client Description: White Textured Wall <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: SW Corner; 6024 Montgomery Road-Interior Facility: <u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728834(L2) Client No.: 121-416 <u>Percent Asbestos:</u> <i>None Detected</i>	Analyst Observation: White Joint Compound Client Description: White Textured Wall <u>Percent Non-Asbestos Fibrous Material:</u> None Detected	Location: SW Corner; 6024 Montgomery Road-Interior Facility: <u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728835
Client No.: 121-417

Analyst Observation: White Wall Texture
Client Description: White Textured Wall

Location: E Wall Of Office; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728835(L2)
Client No.: 121-417

Analyst Observation: Off-White Plaster
Client Description: White Textured Wall

Location: E Wall Of Office; 6024
Montgomery Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
100

Lab No.: 6728836
Client No.: 122-418

Analyst Observation: Black Floor Tile
Client Description: Black Floor Tile w/Black Mastic

Location: At Entry; 6024 Montgomery
Road-Interior
Facility:

Percent Asbestos:
PC 2.8 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
97.2

Lab No.: 6728836(L2)
Client No.: 122-418

Analyst Observation: Black Mastic
Client Description: Black Floor Tile w/Black Mastic

Location: At Entry; 6024 Montgomery
Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Percent Non-Fibrous Material:
99

Lab No.: 6728837
Client No.: 122-419

Analyst Observation: Black Floor Tile
Client Description: Black Floor Tile w/Black Mastic

Location: At Entry; 6024 Montgomery
Road-Interior
Facility:

Percent Asbestos:
PC 2.5 Chrysotile

Percent Non-Asbestos Fibrous Material:
None Detected

Percent Non-Fibrous Material:
97.5

Lab No.: 6728837(L2)
Client No.: 122-419

Analyst Observation: Black Mastic
Client Description: Black Floor Tile w/Black Mastic

Location: At Entry; 6024 Montgomery
Road-Interior
Facility:

Percent Asbestos:
None Detected

Percent Non-Asbestos Fibrous Material:
1 Cellulose

Percent Non-Fibrous Material:
99

Please refer to the Appendix of this report for further information regarding your analysis.

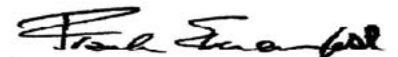
Date Received: 2/28/2019

Date Analyzed: 03/07/2019

Signature:

Analyst: Ellen Smith

Approved By:



Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

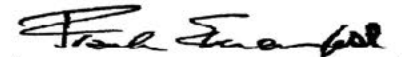
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728838 Client No.: 122-420	Analyst Observation: Black Floor Tile Client Description: Black Floor Tile w/Black Mastic	Location: At Entry; 6024 Montgomery Road-Interior Facility: Percent Non-Fibrous Material: 97.5
Percent Asbestos: <i>PC 2.5 Chrysotile</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728838(L2) Client No.: 122-420	Analyst Observation: Black Mastic Client Description: Black Floor Tile w/Black Mastic	Location: At Entry; 6024 Montgomery Road-Interior Facility: Percent Non-Fibrous Material: 99
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 1 Cellulose	
Lab No.: 6728839 Client No.: 123-421	Analyst Observation: Lt Grey Glazing Client Description: Grey Interior Window Glazing	Location: SE Corner ; 6024 Montgomery Road-Interior Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728840 Client No.: 123-422	Analyst Observation: Lt Grey Glazing Client Description: Grey Interior Window Glazing	Location: SE Corner ; 6024 Montgomery Road-Interior Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728841 Client No.: 123-423	Analyst Observation: Lt Grey Glazing Client Description: Grey Interior Window Glazing	Location: SE Corner ; 6024 Montgomery Road-Interior Facility: Percent Non-Fibrous Material: 100
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: None Detected	
Lab No.: 6728842 Client No.: 124-424	Analyst Observation: Grey Fibrous Client Description: Fire Doors	Location: S Door; 6024 Montgomery Road-Interior Facility: Percent Non-Fibrous Material: 2
Percent Asbestos: <i>None Detected</i>	Percent Non-Asbestos Fibrous Material: 98 Cellulose	

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226


Report Date: 3/7/2019
Report No.: 584587 - PLM
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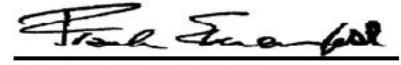
Client: TER940

PLM BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 6728843 Client No.: 124-425	Analyst Observation: Grey Fibrous Client Description: Fire Doors	Location: N Door; 6024 Montgomery Road -Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 98 Cellulose	<u>Percent Non-Fibrous Material:</u> 2
Lab No.: 6728844 Client No.: 124-426	Analyst Observation: Grey Fibrous Client Description: Fire Doors	Location: N Door; 6024 Montgomery Road -Interior Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> 98 Cellulose	<u>Percent Non-Fibrous Material:</u> 2
Lab No.: 6728845 Client No.: 125-427	Analyst Observation: Lt Tan Mastic Client Description: Brown Mastic Underneath Metal Ceiling Panels	Location: NE Corner; 6016-6018 Montgomery Road-2nd FL Apartments Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728846 Client No.: 125-428	Analyst Observation: Lt Tan Mastic Client Description: Brown Mastic Underneath Metal Ceiling Panels	Location: SE Corner; 6016-6018 Montgomery Road-2nd FL Apartments Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100
Lab No.: 6728847 Client No.: 125-429	Analyst Observation: Lt Tan Mastic Client Description: Brown Mastic Underneath Metal Ceiling Panels	Location: NW Corner; 6016-6018 Montgomery Road-2nd FL Apartments Facility:
<u>Percent Asbestos:</u> <i>None Detected</i>	<u>Percent Non-Asbestos Fibrous Material:</u> None Detected	<u>Percent Non-Fibrous Material:</u> 100

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 2/28/2019
Date Analyzed: 03/07/2019
Signature: 
Analyst: Ellen Smith

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Client: TER940

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Appendix to Analytical Report

Customer Contact:

Method: US EPA 600, R93-116

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com

iATL Office Manager: cdavis@iatl.com

iATL Account Representative: Cassie Doherty

Sample Login Notes: See Batch Sheet Attached

Sample Matrix: Bulk Building Materials

Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by US EPA 600 93-116: Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).

Certifications:

- NIST-NVLAP No. 101165-0
- NYSDOH-ELAP No. 11021
- AIHA-LAP, LLC No. 100188

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. PC Trace represents a <0.25% amount. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analytical Methodology Alternatives: Your initial request for analysis may not have accounted for recent advances in regulatory requirements or advances in technology that are routinely used in similar situations for other qualified projects. You may have the option to explore additional analysis for further information. Below are a few options, listed as the matrix followed by the appropriate methodology. Also included are links to more information on our website.

Bulk Building Materials that are Non-Friable Organically Bound (NOB) by Gravimetric Reduction techniques employing PLM and TEM: ELAP 198.6 (PLM-NOB), ELAP 198.4 (TEM-NOB)

Loose Fill Vermiculite Insulation, Attic Insulation, Zonolite (copyright), etc.: US EPA 600 R-4/004 (multi-tiered analytical process)

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Client: TER940

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

Sprayed On Insulation/Fireproofing with Vermiculite (SOF-V): ELAP 198.8 (PLM-SOF-V)

Soil, sludge, sediment, aggregate, and like materials analyzed for asbestos or other elongated mineral particles (ex. erionite, etc.): ASTM D7521, CARB 435, and other options available

Asbestos in Surface Dust according to one of ASTM's Methods (very dependent on sampling collection technique – by TEM): ASTM D 5755, D5756, or D6480

Various other asbestos matrices (air, water, etc.) and analytical methods are available.

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a list with highlighted disclaimers that may be pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.

- 1) Note: No mastic provided for analysis.
- 2) Note: Insufficient mastic provided for analysis.
- 3) Note: Insufficient material provided for analysis.
- 4) Note: Insufficient sample provided for QC reanalysis.
- 5) Note: Different material than indicated on Sample Log / Description.
- 6) Note: Sample not submitted.
- 7) Note: Attached to asbestos containing material.
- 8) Note: Received wet.
- 9) Note: Possible surface contamination.
- 10) Note: Not building material. 1% threshold may not apply.
- 11) Note: Recommend TEM-NOB analysis as per EPA recommendations.
- 12) Note: Asbestos detected but not quantifiable.
- 13) Note: Multiple identical samples submitted, only one analyzed.
- 14) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.080%.
- 15) Note: Analyzed by EPA 600/R-93/116. Point Counting detection limit at 0.125%.
- 16) Note: This sample contains >10% vermiculite mineral. See Appendix for Recommendations for Vermiculite Analysis.

Recommendations for Vermiculite Analysis:

Several analytical protocols exist for the analysis of asbestos in vermiculite. These analytical approaches vary depending upon the nature of the vermiculite mineral being tested (e.g. un-processed gänge, homogeneous exfoliated books of mica, or mixed mineral composites). Please contact your client representative for pricing and turnaround time options available.

iATL recommends initial testing using the EPA 600/R-93/116 method. This method is specifically designed for the analysis of asbestos in bulk building materials. It provides an acceptable starting point for primary screening of vermiculite for possible asbestos.

Results from this testing may be inconclusive. EPA suggests proceeding to a multi-tiered analysis involving wet separation techniques in conjunction with PLM and TEM gravimetric analysis (EPA 600/R-04/004).

For New York State customers, NYSDOH requires disclaimers and qualifiers for various vermiculite containing samples that direct analysis via ELAP198.6 and ELAP198.8 for samples that contain >10% vermiculite mineral where ELAP198.6 may be used to evaluate the asbestos content of the material. However, any test result using ELAP198.6 will be reported with the following disclaimer: "ELAP198.6 method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing >10% vermiculite."

Further information on this method and other vermiculite and asbestos issues can be found at the following: Agency for Toxic Substances and Disease Registry (ATSDR) www.atsdr.cdc.gov, United States Geological Survey (USGS) www.minerals.usgs.gov/minerals/, US EPA www.epa.gov/asbestos. The USEPA also has an informative brochure "Current Best Practices for Vermiculite Attic Insulation" EPA 747F03001 May 2003, that may assist the health and remediation professional.

The following is a summary of the analytical process outlines in the EPA 600/R-04/004 Method:

- 1) **Analytical Step/Method:** Initial Screening by PLM, EPA 600R-93/116
Requirements/Comments: Minimum of 0.1 g of sample. ~0.25% LOQ for most samples.
- 2) **Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

CERTIFICATE OF ANALYSIS

Client: Terracon
611 Lunken Park Drive
Cincinnati OH 45226

Client: TER940

Report Date: 3/7/2019
Report No.: 584587 - PLM
Project: Montgomery Rd - Pleasant Ridge
Project No.: N1197037

3) **Analytical Step/Method:** Wet Separation by PLM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Floats" only.

4) **Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Sinks" only.

5) **Analytical Step/Method:** Wet Separation by TEM Gravimetric Technique, EPA R-04/004
Requirements/Comments: Minimum 50g** of dry sample. Analysis of "Suspension" only.

LOQ, Limit of Quantitation estimates for mass and volume analyses.

*With advance notice and confirmation by the laboratory.

**Approximately 1 Liter of sample in double-bagged container (~9x6 inch bag of sample).

Chain of Custody

–Bulk Asbestos–

Contact Information

Client Company: Terracon Consultants, Inc.

Office Address: 611 Lunken Park Drive

City, State, Zip: Cincinnati, OH 45226

Fax Number: 513-321-0294

Email Address: joshua.vogel@terracon.com

Project Number: N1197037

Project Name: Montgomery Rd- Pleasant Ridg

Primary Contact: Joshua Vogel

Office Phone: 513-612-9085

Cell Phone: 513-332-5034

PLM Instructions:

- ☒ PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993
- ☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982
- ☐ PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985
- ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.1, 2002
- ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.6, 2010
- ☐ TEM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.4, 2009
- ☒ PLM: Point Counting
 - ☐ PC: via ELAP 198.1
 - ☒ PC: 400 Points
 - ☐ PC: 800 Points *
 - ☐ PC: 1600 Points *
- ☒ PLM: Instructions for Multi-Layered Samples
 - ☒ Analyze and Report All Separable Layers per EPA 600
 - ☒ Report Composite for Drywall Systems per NESHAP
 - ☐ Report All Layers and Composite Where Applicable
 - ☐ Only Analyze and Report Specifically Noted Layer
- ☐ PLM: Analyze Until Positive (Positive Stop)
 - ☐ AUP: by Homogenous Area as Noted
 - ☐ AUP: by Material Type as Noted
- ☐ PLM: NOB via 198.6
 - ☐ PLM: Friable via EPA 600 2.3
 - ☐ If <1% by PLM, to TEM via 198.4 *
 - ☐ If <1% by PLM, Hold for Instructions
- ☐ PLM: Non-Building Material*** (Dust, Wipe, Tape)
 - ☐ Soil or Vermiculite Analysis
 - ☐ CARB 435

Special Instructions:

* Additional charge and turnaround may be required

** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory

Turnaround Time

Preliminary Results Requested Date: _____

Specific date / time

☐ Verbal ☒ Email ☐ Fax

☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): <u>Joshua Vogel</u>	Date: <u>2/27/19</u>	Time: <u>9:00 AM</u>
Received (Name / iATL): _____	Date: _____	Time: _____
Sample Login (Name / iATL): _____	Date: _____	Time: _____
Analysis(Name(s) / iATL): <u>[Signature]</u>	Date: <u>3/17/19</u>	Time: <u>1:30 PM</u>
QA/QC Review (Name / iATL): <u>[Signature]</u>	Date: <u>3/17/19</u>	Time: <u>2:00 PM</u>
Archived / Released: _____	QA/QC InterLAB Use: _____	Date: _____

Chain of Custody

–Bulk Asbestos–

Contact Information

Client Company: Terracon Consultants, Inc.

Office Address: 611 Lunken Park Drive

City, State, Zip: Cincinnati, OH 45226

Fax Number: 513-321-0294

Email Address: joshua.vogel@terracon.com

Project Number: N1197037

Project Name: Montgomery Rd- Pleasant Ridg

Primary Contact: Joshua Vogel

Office Phone: 513-612-9085

Cell Phone: 513-332-5034

PLM Instructions:

☒ PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993

☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982

☐ PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985

☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.1, 2002

☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.6, 2010

☐ TEM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.4, 2009

☒ PLM: Point Counting

☐ PC: via ELAP 198.1

☒ PC: 400 Points

☐ PC: 800 Points *

☐ PC: 1600 Points *

☒ PLM: Instructions for Multi-Layered Samples

☒ Analyze and Report All Separable Layers per EPA 600

☒ Report Composite for Drywall Systems per NESHAP

☐ Report All Layers and Composite Where Applicable

☐ Only Analyze and Report Specifically Noted Layer

☐ PLM: Analyze Until Positive (Positive Stop)

☐ AUP: by Homogenous Area as Noted

☐ AUP: by Material Type as Noted

☐ PLM: NOB via 198.6

☐ PLM: Friable via EPA 600 2.3

☐ If <1% by PLM, to TEM via 198.4 *

☐ If <1% by PLM, Hold for Instructions

☐ PLM: Non-Building Material^{***} (Dust, Wipe, Tape)

☐ Soil or Vermiculite Analysis

☐ CARB 435

Special Instructions:

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** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory

Turnaround Time

Preliminary Results Requested Date: _____

☐ Verbal ☒ Email ☐ Fax

Specific date / time

☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Paul J. Seeger

Date: 3/27/19

Time: _____

Received (Name / iATL): _____

Date: _____

Time: _____

Sample Login (Name / iATL): _____

Date: _____

Time: _____

Analysis(Name(s) / iATL): _____

Date: _____

Time: _____

QA/QC Review (Name / iATL): _____

Date: 3/28/19

Time: _____

Archived / Released: _____

QA/QC InterLAB Use: _____

Date: _____

Time: _____

Chain of Custody

—Bulk Asbestos—

Contact Information

Client Company: Terracon Consultants, Inc.

Office Address: 611 Lunken Park Drive

City, State, Zip: Cincinnati, OH 45226

Fax Number: 513-321-0294

Email Address: joshua.vogel@terracon.com

Project Number: N1197037

Project Name: Montgomery Rd- Pleasant Ridg

Primary Contact: Joshua Vogel

Office Phone: 513-612-9085

Cell Phone: 513-332-5034

PLM Instructions:

- ☒ PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993
- ☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982
- ☐ PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985
- ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.1, 2002
- ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.6, 2010
- ☐ TEM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.4, 2009

- ☒ PLM: Point Counting
 - ☐ PC: via ELAP 198.1
 - ☒ PC: 400 Points
 - ☐ PC: 800 Points *
 - ☐ PC: 1600 Points *

- ☒ PLM: Instructions for Multi-Layered Samples
 - ☒ Analyze and Report All Separable Layers per EPA 600
 - ☒ Report Composite for Drywall Systems per NESHAP
 - ☐ Report All Layers and Composite Where Applicable
 - ☐ Only Analyze and Report Specifically Noted Layer

- ☐ PLM: Analyze Until Positive (Positive Stop)
 - ☐ AUP: by Homogenous Area as Noted
 - ☐ AUP: by Material Type as Noted
- ☐ PLM: NOB via 198.6
 - ☐ PLM: Friable via EPA 600 2.3
 - ☐ If <1% by PLM, to TEM via 198.4 *
 - ☐ If <1% by PLM, Hold for Instructions

- ☐ PLM: Non-Building Material^{***} (Dust, Wipe, Tape)
 - ☐ Soil or Vermiculite Analysis^{*}
 - ☐ CARB 435

Special Instructions:

* Additional charge and turnaround may be required

** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory

Turnaround Time

Preliminary Results Requested Date: _____

☐ Verbal ☒ Email ☐ Fax

Specific date / time

☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Joshua Vogel

Date: 2/27/19

Time: _____

Received (Name / iATL): _____

Date: _____

Time: _____

Sample Login (Name / iATL): _____

Date: _____

Time: _____

Analysis(Name(s) / iATL): 104030019

Date: _____

Time: _____

QA/QC Review (Name / iATL): _____

Date: 3/6/19

Time: _____

Archived / Released: _____

QA/QC InterLAB Use: _____

Date: _____

Time: _____

Chain of Custody

—Bulk Asbestos—

Contact Information

Client Company: Terracon Consultants, Inc.	Project Number: N1197037
Office Address: 611 Lunken Park Drive	Project Name: Montgomery Rd- Pleasant Ridg
City, State, Zip: Cincinnati, OH 45226	Primary Contact: Joshua Vogel
Fax Number: 513-321-0294	Office Phone: 513-612-9085
Email Address: joshua.vogel@terracon.com	Cell Phone: 513-332-5034

PLM Instructions:

- ☒ PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993
 - ☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982
 - ☐ PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985
 - ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.1, 2002
 - ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.6, 2010
 - ☐ TEM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.4, 2009
-
- | | |
|--|---|
| <ul style="list-style-type: none"> <input checked="" type="checkbox"/> PLM: Point Counting <ul style="list-style-type: none"> <input type="checkbox"/> PC: via ELAP 198.1 <input checked="" type="checkbox"/> PC: 400 Points <input type="checkbox"/> PC: 800 Points * <input type="checkbox"/> PC: 1600 Points * <input checked="" type="checkbox"/> PLM: Instructions for Multi-Layered Samples <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Analyze and Report All Separable Layers per EPA 600 <input checked="" type="checkbox"/> Report Composite for Drywall Systems per NESHAP <input type="checkbox"/> Report All Layers and Composite Where Applicable <input type="checkbox"/> Only Analyze and Report Specifically Noted Layer | <ul style="list-style-type: none"> <input type="checkbox"/> PLM: Analyze Until Positive (Positive Stop) <ul style="list-style-type: none"> <input type="checkbox"/> AUP: by Homogenous Area as Noted <input type="checkbox"/> AUP: by Material Type as Noted <input type="checkbox"/> PLM: NOB via 198.6 <ul style="list-style-type: none"> <input type="checkbox"/> PLM: Friable via EPA 600 2.3 <input type="checkbox"/> If <1% by PLM, to TEM via 198.4 * <input type="checkbox"/> If <1% by PLM, Hold for Instructions <input type="checkbox"/> PLM: Non-Building Material^{***} (Dust, Wipe, Tape) <ul style="list-style-type: none"> <input type="checkbox"/> Soil or Vermiculite Analysis[*] <input type="checkbox"/> CARB 435 |
|--|---|

Special Instructions:

* Additional charge and turnaround may be required ** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory

Turnaround Time

Preliminary Results Requested Date: _____ ☐ Verbal ☒ Email ☐ Fax

Specific date / time

☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): <u>Joshua Vogel</u>	Date: <u>2/27/19</u>	Time: <u>9:00 AM</u>
Received (Name / iATL): _____	Date: _____	Time: _____
Sample Login (Name / iATL): _____	Date: _____	Time: _____
Analysis(Name(s) / iATL): <u>JS</u>	Date: <u>3/6/19</u>	Time: _____
QA/QC Review (Name / iATL): _____	Date: <u>3/8/19</u>	Time: _____
Archived / Released: _____	QA/QC InterLAB Use: _____	Date: _____

FEB 23 2019

Chain of Custody

—Bulk Asbestos—

Contact Information

Client Company: Terracon Consultants, Inc.

Office Address: 611 Lunken Park Drive

City, State, Zip: Cincinnati, OH 45226

Fax Number: 513-321-0294

Email Address: joshua.vogel@terracon.com

Project Number: N1197037

Project Name: Montgomery Rd- Pleasant Ridg

Primary Contact: Joshua Vogel

Office Phone: 513-612-9085

Cell Phone: 513-332-5034

PLM Instructions:

- ☒ PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993
- ☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982
- ☐ PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985
- ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.1, 2002
- ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.6, 2010
- ☐ TEM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.4, 2009

☒ PLM: Point Counting

- ☐ PC: via ELAP 198.1
- ☒ PC: 400 Points
- ☐ PC: 800 Points *
- ☐ PC: 1600 Points *

☒ PLM: Instructions for Multi-Layered Samples

- ☒ Analyze and Report All Separable Layers per EPA 600
- ☒ Report Composite for Drywall Systems per NESHAP
- ☐ Report All Layers and Composite Where Applicable
- ☐ Only Analyze and Report Specifically Noted Layer

☐ PLM: Analyze Until Positive (Positive Stop)

- ☐ AUP: by Homogenous Area as Noted
- ☐ AUP: by Material Type as Noted
- ☐ PLM: NOB via 198.6
- ☐ PLM: Friable via EPA 600 2.3
- ☐ If <1% by PLM, to TEM via 198.4 *
- ☐ If <1% by PLM, Hold for Instructions

☐ PLM: Non-Building Material *** (Dust, Wipe, Tape)

- ☐ Soil or Vermiculite Analysis *
- ☐ CARB 435

Special Instructions:

* Additional charge and turnaround may be required

** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory

Turnaround Time

Preliminary Results Requested Date: _____

☐ Verbal ☒ Email ☐ Fax

Specific date / time
☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Joshua Vogel

Date: 2/27/19

Time: _____

Received (Name / iATL): _____

Date: _____

Time: _____

Sample Login (Name / iATL): _____

Date: _____

Time: _____

Analysis(Name(s) / iATL): Flame

Date: 3-6-19

Time: _____

QA/QC Review (Name / iATL): _____

Date: 3/8/19

Time: _____

Archived / Released: _____

QA/QC InterLAB Use: _____

Date: _____

Time: _____

Chain of Custody

—Bulk Asbestos—

Contact Information

Client Company: Terracon Consultants, Inc.

Office Address: 611 Lunken Park Drive

City, State, Zip: Cincinnati, OH 45226

Fax Number: 513-321-0294

Email Address: joshua.vogel@terracon.com

Project Number: N1197037

Project Name: Montgomery Rd- Pleasant Ridg

Primary Contact: Joshua Vogel

Office Phone: 513-612-9085

Cell Phone: 513-332-5034

PLM Instructions:

- ☒ PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993
- ☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982
- ☐ PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985
- ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.1, 2002
- ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.6, 2010
- ☐ TEM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.4, 2009

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- ☐ PC: via ELAP 198.1
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- ☐ PC: 800 Points *
- ☐ PC: 1600 Points *

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- ☐ PLM: Friable via EPA 600 2.3
- ☐ If <1% by PLM, to TEM via 198.4 *
- ☐ If <1% by PLM, Hold for Instructions

☐ PLM: Non-Building Material *** (Dust, Wipe, Tape)

- ☐ Soil or Vermiculite Analysis *
- ☐ CARB 435

Special Instructions:

* Additional charge and turnaround may be required

** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory

Turnaround Time

Preliminary Results Requested Date: _____

☐ Verbal ☒ Email ☐ Fax

Specific date / time

☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Land Meyer

Date: 2/27/19

Time: _____

Received (Name / iATL): _____

Date: _____

Time: _____

Sample Login (Name / iATL): _____

Date: _____

Time: _____

Analysis(Name(s) / iATL): _____

Date: 3/7/19

Time: _____

QA/QC Review (Name / iATL): _____

Date: 3/8/19

Time: _____

Archived / Released: _____ QA/QC InterLAB Use: _____

Date: _____

Time: _____

Chain of Custody

—Bulk Asbestos—

Contact Information

Client Company: Terracon Consultants, Inc.

Office Address: 611 Lunken Park Drive

City, State, Zip: Cincinnati, OH 45226

Fax Number: 513-321-0294

Email Address: joshua.vogel@terracon.com

Project Number: N1197037

Project Name: Montgomery Rd- Pleasant Ridg

Primary Contact: Joshua Vogel

Office Phone: 513-612-9085

Cell Phone: 513-332-5034

PLM Instructions:

☒ PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993

☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982

☐ PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985

☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.1, 2002

☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.6, 2010

☐ TEM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.4, 2009

☒ PLM: Point Counting

☐ PC: via ELAP 198.1

☒ PC: 400 Points

☐ PC: 800 Points *

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☐ Report All Layers and Composite Where Applicable

☐ Only Analyze and Report Specifically Noted Layer

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☐ AUP: by Homogenous Area as Noted

☐ AUP: by Material Type as Noted

☐ PLM: NOB via 198.6

☐ PLM: Friable via EPA 600 2.3

☐ If <1% by PLM, to TEM via 198.4 *

☐ If <1% by PLM, Hold for Instructions

☐ PLM: Non-Building Material *** (Dust, Wipe, Tape)

☐ Soil or Vermiculite Analysis

☐ CARB 435

Special Instructions:

* Additional charge and turnaround may be required

** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory

Turnaround Time

Preliminary Results Requested Date: _____

☐ Verbal ☒ Email ☐ Fax

Specific date / time

☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Land Cooper

Date: 2/27/19

Time: _____

Received (Name / iATL): _____

Date: _____

Time: _____

Sample Login (Name / iATL): _____

Date: _____

Time: _____

Analysis(Name(s) / iATL): _____

Date: 3-7-19

Time: _____

QA/QC Review (Name / iATL): _____

Date: 3/8/19

Time: _____

Archived / Released: _____ QA/QC InterLAB Use: _____

Date: _____

Time: _____

Chain of Custody

—Bulk Asbestos—

Contact Information

Client Company: Terracon Consultants, Inc.

Office Address: 611 Lunken Park Drive

City, State, Zip: Cincinnati, OH 45226

Fax Number: 513-321-0294

Email Address: joshua.vogel@terracon.com

Project Number: N1197037

Project Name: Montgomery Rd- Pleasant Ridg

Primary Contact: Joshua Vogel

Office Phone: 513-612-9085

Cell Phone: 513-332-5034

PLM Instructions:

- ☒ PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993
- ☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982
- ☐ PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985
- ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.1, 2002
- ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.6, 2010
- ☐ TEM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.4, 2009

PLM: Point Counting

- ☐ PC: via ELAP 198.1
- ☒ PC: 400 Points
- ☐ PC: 800 Points *
- ☐ PC: 1600 Points *

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- ☐ Report All Layers and Composite Where Applicable
- ☐ Only Analyze and Report Specifically Noted Layer

PLM: Analyze Until Positive (Positive Stop)

- ☐ AUP: by Homogenous Area as Noted
- ☐ AUP: by Material Type as Noted

PLM: NOB via 198.6

- ☐ PLM: Friable via EPA 600 2.3
- ☐ If <1% by PLM, to TEM via 198.4 *
- ☐ If <1% by PLM, Hold for Instructions

PLM: Non-Building Material *** (Dust, Wipe, Tape)

- ☐ Soil or Vermiculite Analysis
- ☐ CARB 435

Special Instructions:

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** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory

Turnaround Time

Preliminary Results Requested Date: _____

☐ Verbal ☒ Email ☐ Fax

Specific date / time

☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Land Meyer

Date: 2/27/19

Time: _____

Received (Name / iATL): _____

Date: _____

Time: _____

Sample Login (Name / iATL): _____

Date: _____

Time: _____

Analysis(Name(s) / iATL): Ray A. Meyer

Date: 3/17/19

Time: _____

QA/QC Review (Name / iATL): _____

Date: 3/18/19

Time: _____

Archived / Released: _____ QA/QC InterLAB Use: _____

Date: _____

Time: _____

Chain of Custody

—Bulk Asbestos—

Contact Information

Client Company: Terracon Consultants, Inc.

Office Address: 611 Lunken Park Drive

City, State, Zip: Cincinnati, OH 45226

Fax Number: 513-321-0294

Email Address: joshua.vogel@terracon.com

Project Number: N1197037

Project Name: Montgomery Rd- Pleasant Ridg

Primary Contact: Joshua Vogel

Office Phone: 513-612-9085

Cell Phone: 513-332-5034

PLM Instructions:

- ☒ PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993
- ☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982
- ☐ PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985
- ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.1, 2002
- ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.6, 2010
- ☐ TEM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.4, 2009

☒ PLM: Point Counting

- ☐ PC: via ELAP 198.1
- ☒ PC: 400 Points
- ☐ PC: 800 Points *
- ☐ PC: 1600 Points *

☒ PLM: Instructions for Multi-Layered Samples

- ☒ Analyze and Report All Separable Layers per EPA 600
- ☒ Report Composite for Drywall Systems per NESHAP
- ☐ Report All Layers and Composite Where Applicable
- ☐ Only Analyze and Report Specifically Noted Layer

☐ PLM: Analyze Until Positive (Positive Stop)

- ☐ AUP: by Homogenous Area as Noted
- ☐ AUP: by Material Type as Noted

☐ PLM: NOB via 198.6

- ☐ PLM: Friable via EPA 600 2.3
- ☐ If <1% by PLM, to TEM via 198.4 *
- ☐ If <1% by PLM, Hold for Instructions

☐ PLM: Non-Building Material *** (Dust, Wipe, Tape)

- ☐ Soil or Vermiculite Analysis
- ☐ CARB 435

Special Instructions:

* Additional charge and turnaround may be required

** Alternative Method (ex: EPA 600/R-04/004) may be recommended by Laboratory

Turnaround Time

Preliminary Results Requested Date: _____

☐ Verbal ☒ Email ☐ Fax

Specific date / time

☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Joshua Vogel

Date: 2/27/19

Time: _____

Received (Name / iATL): _____

Date: _____

Time: _____

Sample Login (Name / iATL): _____

Date: _____

Time: _____

Analysis(Name(s) / iATL): TM

Date: 3/7/19

Time: _____

QA/QC Review (Name / iATL): _____

Date: 3/8/19

Time: _____

Archived / Released: _____

QA/QC InterLAB Use: _____

Date: _____

Time: _____

Chain of Custody

—Bulk Asbestos—

Contact Information

Client Company: Terracon Consultants, Inc.

Office Address: 611 Lunken Park Drive

City, State, Zip: Cincinnati, OH 45226

Fax Number: 513-321-0294

Email Address: joshua.vogel@terracon.com

Project Number: N1197037

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Primary Contact: Joshua Vogel

Office Phone: 513-612-9085

Cell Phone: 513-332-5034

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- ☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982
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- ☐ AUP: by Material Type as Noted

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Turnaround Time

Preliminary Results Requested Date: _____

☐ Verbal ☒ Email ☐ Fax

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☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Joshua Vogel

Date: 2/27/19

Time: 7:00 AM

Received (Name / iATL): _____

Date: _____

Time: _____

Sample Login (Name / iATL): _____

Date: _____

Time: _____

Analysis(Name(s) / iATL): Joshua Vogel

Date: 3/14/19

Time: _____

QA/QC Review (Name / iATL): _____

Date: 3/15/19

Time: _____

Archived / Released: _____

QA/QC InterLAB Use: _____

Date: _____

Time: _____

Chain of Custody

—Bulk Asbestos—

Contact Information

Client Company: Terracon Consultants, Inc.	Project Number: N1197037
Office Address: 611 Lunken Park Drive	Project Name: Montgomery Rd- Pleasant Ridg
City, State, Zip: Cincinnati, OH 45226	Primary Contact: Joshua Vogel
Fax Number: 513-321-0294	Office Phone: 513-612-9085
Email Address: joshua.vogel@terracon.com	Cell Phone: 513-332-5034

PLM Instructions:

- ☒ PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993
 - ☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982
 - ☐ PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985
 - ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.1, 2002
 - ☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.6, 2010
 - ☐ TEM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.4, 2009
-
- ☒ PLM: Point Counting
 - ☐ PC: via ELAP 198.1
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Turnaround Time

Preliminary Results Requested Date: _____ ☐ Verbal ☒ Email ☐ Fax

Specific date / time

☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): <u>Joshua Vogel</u>	Date: <u>2/27/19</u>	Time: <u>1:00 PM</u>
Received (Name / iATL): _____	Date: _____	Time: _____
Sample Login (Name / iATL): _____	Date: _____	Time: _____
Analysis (Name(s) / iATL): <u>Peter Miller</u>	Date: <u>3/7/19</u>	Time: _____
QA/QC Review (Name / iATL): _____	Date: <u>3/8/19</u>	Time: _____
Archived / Released: _____	QA/QC InterLAB Use: _____	Date: _____



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Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

—Bulk Asbestos—

Contact Information

Client Company: Terracon Consultants, Inc.

Office Address: 611 Lunken Park Drive

City, State, Zip: Cincinnati, OH 45226

Fax Number: 513-321-0294

Email Address: joshua.vogel@terracon.com

Project Number: N1197037

Project Name: Montgomery I

Primary Contact: Joshua Vogel

Office Phone: 513-612-908

Cell Phone: 513-332-503

Tyler

PLM Instructions:

☒ PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993

☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982

☐ PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985

☐ PLM: Bulk Asbestos Building Materials NYSDOH-ELAP 198.1, 2002

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☐ PLM: NOB via 198.6

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Preliminary Results Requested Date: _____

Specific date / time

☐ 10 Day

☒ 5 Day

☐ 3 Day

☐ 2 Day

☐ 1 Day*

☐ 12 Hour**

☐ 6 Hour**

☐ RUSH**

☐ Verbal

☒ Email

☐ Fax

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): *Joshua Vogel*

Date: *2/27/19*

Time: _____

Received (Name / iATL): _____

Date: _____

Time: _____

Sample Login (Name / iATL): _____

Date: _____

Time: _____

Analysis (Name(s) / iATL): _____

Date: *3/8/19*

Time: _____

QA/QC Review (Name / iATL): _____

Date: _____

Time: _____

Archived / Released: _____

QA/QC InterLAB Use: _____

Date: _____

Time: _____

FEB 23 2019

Chain of Custody

—Bulk Asbestos—

Contact Information

Client Company: Terracon Consultants, Inc.

Office Address: 611 Lunken Park Drive

City, State, Zip: Cincinnati, OH 45226

Fax Number: 513-321-0294

Email Address: joshua.vogel@terracon.com

Project Number: N1197037

Project Name: Montgomery Rd- Pleasant Ridg

Primary Contact: Joshua Vogel

Office Phone: 513-612-9085

Cell Phone: 513-332-5034

PLM Instructions:

- ☒ PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993
- ☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982
- ☐ PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985
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☐ Verbal ☒ Email ☐ Fax

Specific date / time

☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Joshua Vogel

Date: 2/27/19

Time: _____

Received (Name / iATL): _____

Date: _____

Time: _____

Sample Login (Name / iATL): _____

Date: _____

Time: _____

Analysis (Name(s) / iATL): MSL

Date: 3-7-19

Time: _____

QA/QC Review (Name / iATL): _____

Date: 3/8/19

Time: _____

Archived / Released: _____

QA/QC InterLAB Use: _____

Date: _____

Time: _____



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Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

—Bulk Asbestos—

Contact Information

Client Company: Terracon Consultants, Inc.

Office Address: 611 Lunken Park Drive

City, State, Zip: Cincinnati, OH 45226

Fax Number: 513-321-0294

Email Address: joshua.vogel@terracon.com

Project Number: N1197037

Project Name: Montgomery Rd- Pleasant Ridg

Primary Contact: Joshua Vogel

Office Phone: 513-612-9085

Cell Phone: 513-332-5034

PLM Instructions:

☒ PLM: Bulk Asbestos Building Materials EPA 600 R-93/116, 1993

☐ PLM: Bulk Asbestos Building Materials EPA 600 M-4/82-020, 1982

☐ PLM: Bulk Asbestos Building Materials NIOSH 9002, 1985

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☐ Soil or Vermiculite Analysis

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Turnaround Time

Preliminary Results Requested Date: _____

Specific date / time

☐ Verbal

☒ Email

☐ Fax

☐ 10 Day

☒ 5 Day

☐ 3 Day

☐ 2 Day

☐ 1 Day*

☐ 12 Hour**

☐ 6 Hour**

☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Joshua Vogel

Date: 2/27/19

Time: _____

Received (Name / iATL): _____

Date: _____

Time: _____

Sample Login (Name / iATL): _____

Date: _____

Time: _____

Analysis(Name(s) / iATL): ZS

Date: 3/7/19

Time: _____

QA/QC Review (Name / iATL): _____

Date: 3/8/19

Time: _____

Archived / Released: _____

QA/QC InterLAB Use: _____

Date: _____

Time: _____

Chain of Custody

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Preliminary Results Requested Date: _____

☐ Verbal ☒ Email ☐ Fax

Specific date / time
☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Land Meyer

Date: 2/27/19

Time: _____

Received (Name / iATL): _____

Date: _____

Time: _____

Sample Login (Name / iATL): _____

Date: _____

Time: _____

Analysis(Name(s) / iATL): Joshua Vogel

Date: 3/7/19

Time: _____

QA/QC Review (Name / iATL): _____

Date: 3/8/19

Time: _____

Archived / Released: _____

QA/QC InterLAB Use: _____

Date: _____

Time: _____

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

—Bulk Asbestos—

Contact Information

Client Company: Terracon Consultants, Inc.

Project Number: N1197037

Office Address: 611 Lunken Park Drive

Project Name: Montgomery Rd- Pleasant Ridg

City, State, Zip: Cincinnati, OH 45226

Primary Contact: Joshua Vogel

Fax Number: 513-321-0294

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Email Address: joshua.vogel@terracon.com

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 - ☐ PLM: Non-Building Material^{*,**} (Dust, Wipe, Tape)
 - ☐ Soil or Vermiculite Analysis^{*}
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Special Instructions:

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Turnaround Time

Preliminary Results Requested Date:

☐ Verbal ☒ Email ☐ Fax

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☐ 10 Day ☒ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Paul V. Meyer

Date: 2/27/19

Time: _____

Received (Name / iATL):

Date:

Time:

Sample Login (Name / iATL):

Date:

Time:

Analysis(Name(s) / iATL):

Date:

Time:

QA/QC Review (Name / iATL):

Date:

Time:

Archived / Released: QA/OC InterLAB Use:

Date:

Time:

Login

Project #: N1197037

Project Name: ~~XXXXXXXXXX~~ / ester Site

From: Christine Davis
Sent: Thursday, February 28, 2019 8:34 AM
To: Login
Subject: FW: ACM BULK SAMPLE LOG
Attachments: ACM BULK SAMPLE LOG.doc

Christine Davis – Customer Relations Manager

From: Vogel, Joshua [<mailto:Joshua.Vogel@terracon.com>]
Sent: Wednesday, February 27, 2019 5:05 PM
To: Customer Service
Cc: Tussey, Joe A
Subject: ACM BULK SAMPLE LOG

Please see attached. You will receive them tomorrow in two packages. Standard 5 day TAT. Thanks

Joshua Vogel
Project Manager | Asbestos & IH Services
Terracon Consultants, Inc.
611 Lunken Park Dr. | Cincinnati, OH 45226
O 513-612-9002 | M 859-512-7475
joshua.vogel@terracon.com | www.terracon.com
ENR Rankings | 2017



Terracon provides environmental, facilities, geotechnical, and materials consulting engineering services delivered with responsiveness, resourcefulness, and reliability.

Private and confidential as detailed here (www.terracon.com/disclaimer). If you cannot access the hyperlink, please e-mail sender.

SUSPECT ACM - BULK MATERIAL SAMPLE LOG

Page ____ of ____

Date: February 26 and 27, 2019
 Inspector: Lem Weyer, Joe Tussey and Joshua Vogel
 Project: Lester Site
 Project # N1197037

Terracon

611 Lunken Park Drive
 Cincinnati, Ohio 45226
 (513) 321.5816

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
6010 Montgomery Road – Former Convenience Store					
1	001	12"x12" Beige Floor Tile with Black Mastic	Main Sales Area at Entry Door on North Wall	Sales Area and Shower Room	6728419
	002		Main Sales Area in Middle of Room		6728420
	003		At Shower Room Entry		6728421
2	004	2'x4' Bird Track Ceiling Tile	Main Sales Area Near Center	Throughout Building	6728422
	005		Stock Area Along South Wall		6728423
	006		Shower Room - Above Shower		6728424
3	007	Black Interior Window Caulking	Northwest Corner of Sales Area	North Front Windows	6728425
	008		Front Interior Side of West Doors at Bottom		6728426
	009		Front Interior Just Inside East Doors at Top		6728427
4	010	12"x12" Cream Floor Tile Patch with Black Mastic	Patch Area of Sales Floor Towards the Northeast Side of Sales Area	East Side of Sales Area	6728428
	011		Patch Area of Sales Floor Towards the Northeast Side of Sales Area		6728429
	012		Patch Area of Sales Floor Towards the Northeast Side of Sales Area		6728430
5	013	White Faux Tile Fiber Glass Reinforced Plastic Board with Yellow Mastic	Above Sink	Around Slop Sink	6728431

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	014		Above Sink		6728432
	015		Above Sink		6728433
6	016	Drywall System: Drywall and Joint Compound	Exit of Sales Area	Throughout	6728434
	017		West of Cooler		6728435
	018		Above Drain in Hallway		6728436
	019		North of Sinks in Hallway		6728437
	020		Entry to Cashier Area		6728438
	021		Northwest Corner of Restroom		6728439
	022		Northeast Corner of Shower		6728440
7	023	4" Black Cove Base with Brown Mastic	West Side of Cooler	Cooler Area, Shower Room, and South Side of Sales Area	6728441
	024		Southwest Corner of Coolers in Sales Area		6728442
	025		Inside Cooler Entry		6728443
8	026	Grey Interior Door Caulking	West Side of Doorway	Door to Storage Room	6728444
	027		West Side of Doorway		6728445
	028		East Side of Doorway		6728446
9	029	4" White Cove Base with Yellow Mastic	At Doorway	Storage Room	6728447
	030		Southwest Corner		6728448
	031		Northeast Corner		6728449

Sample.#		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
10	032	Grey Vinyl Sheet Floor Tile with Cream Mastic	Entry of Restroom	Restroom	6728450
	033		Southeast Corner		6728451
	034		Southwest Corner		6728452
11	035	Yellow Caulking	Southwest Corner of Shower	Around Shower Wall Panels	6728453
	036		Southwest Corner of Shower		6728454
	037		Southwest Corner of Shower		6728455
12	038	Drywall System: Drywall and Joint Compound	Southeast Corner – Wall	Storage Room Walls and Ceiling	6728456
	039		Middle of South Wall on Ceiling		6728457
	040		Southwest Corner - Wall		6728458
13	041	Yellow Carpet Mastic	South Side	Cashier Area	6728459
	042		At Entry		6728460
	043		North Side		6728461
14	044	Vermiculite	Southwest Corner of Hallway	Exterior Walls	6728462
	045		Northwest Corner of Hallway		6728463
	046		Middle of East Wall in Sales Area		6728464
15	047	12"x12" White Floor Tile with Yellow Mastic	At Entry from Sales Area Hallway	Storage Room	6728465
	048		Northeast Corner		6728466
	049		Southeast Corner		6728467

Start
↓

End

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
10	032	Grey Vinyl Sheet Floor Tile with Cream Mastic	Entry of Restroom	Restroom	6728450
	033		Southeast Corner		6728451
	034		Southwest Corner		6728452
11	035	Yellow Caulking	Southwest Corner of Shower	Around Shower Wall Panels	6728453
	036		Southwest Corner of Shower		6728454
	037		Southwest Corner of Shower		6728455
12	038	Drywall System: Drywall and Joint Compound	Southeast Corner - Wall	Storage Room Walls and Ceiling	6728456
	039		Middle of South Wall on Ceiling		6728457
	040		Southwest Corner - Wall		6728458
13	041	Yellow Carpet Mastic	South Side	Cashier Area	6728459
	042		At Entry		6728460
	043		North Side		6728461
14	044	Vermiculite	Southwest Corner of Hallway	Exterior Walls	6728462
	045		Northwest Corner of Hallway		6728463
	046		Middle of East Wall in Sales Area		6728464
15	047	12"x12" White Floor Tile with Yellow Mastic	At Entry from Sales Area Hallway	Storage Room	6728465
	048		Northeast Corner		6728466
	049		Southeast Corner		6728467

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
16	050	Exterior Black Window Caulking	West Side of Window	Front Exterior Windows	6728468
	051		Center Above Window		6728469
	052		East Side of Window		6728470
17	053	Exterior Grey Expansion Wall Caulking	Northeast Corner of Building	Exterior Walls	6728471
	054		Northeast Corner of Building		6728472
	055		Center of West Side of Building		6728473
18	056	Asphalt Roof with Pulp Board	Southeast Corner	Main Roof	6728474
	057		Northeast Corner		6728475
	058		Southwest Corner		6728476
19	059	Black Tar and Asphalt Flashing	Southeast Corner	Main Roof	6728477
	060		Southwest Corner		6728478
	061		Center of Roof at HVAC Entry		6728479
20	062	Asphalt Roof with Fiberglass Panels	West Side	Storage Room Roof	6728480
	063		East Side		6728481
	064		Center of Roof		6728482
21	065	White Caulking	Middle	Between Main and Storage Room Roof	6728483
	066		East		6728484
	067		West		6728485

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
22	068	Grey Expansion Caulking with Black Caulking Beneath	Center of North Wall	North Wall in Storage Room	6728486
	069		Center of North Wall		6728487
	070		East Side of Wall		6728488
6016-6018, 6024 Montgomery Road Exterior					
23	071	Tan Asphalt Shingles with Black Felt Paper	Southwest Corner	Shelter Roof Behind 6018 Montgomery Road	6728489
	072		Center of South Side		6728490
	073		Southeast Corner		
24	074	Grey Asphalt Shingles with Black Felt Paper	Southwest Corner	Shed in Back of 6016 Montgomery Road	6728491
	075		Center of West Side		6728492
	076		Northwest Corner		6728493
25	077	Asphalt Roof with Black Tar	Northeast corner	6016-6018 Montgomery Road Roof	6728494
	078		Northwest Corner		6728495
	079		Southeast Corner		6728496
26	080	Asphalt Flashing with Black Tar	Middle of East Wall	6016-6018 Montgomery Road Roof	6728497
	081		Center of Roof		6728498
	082		Middle of West Wall		6728499
27	083	Black Roof Patching	At Skylight	6016-6018 Montgomery Road Roof: On Seam of Roof	6728500
	084		South Center		6728501
					6728502

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	085		Middle of West Side		6728503
28	086	Exterior White Caulking	West Side	6016-6018 Montgomery Road Seams on Skylight	6728504
	087		Center		6728505
	088		East Side		6728506
29	089	Exterior Grey Caulking	Northwest Corner of Chimney	6016 Montgomery Road – Seams Around Northwest Chimney	6728507
	090		Northwest Corner of Chimney		6728508
	091		Northwest Corner of Chimney		6728509
30	092	White Roof Patching	Center of North Side of Roof	6016-6018 Montgomery Road North Center of Roof	6728510
	093		Center of North Side of Roof		6728511
	094		Center of North Side of Roof		6728512
31	095	White Caulking	Southwest Corner of Roof	6016-6018 Montgomery Road on Gutters	6728513
	096		Southwest Corner of Roof		6728514
	097		Southwest Corner of Roof		6728515
32	098	Rubber EPDM Roofing with Brown Mastic	Center of North Side	6018 Montgomery Road Lower Roof	6728516
	099		Center of North Roof		6728517
	100		Center of South Roof		6728518
33	101	Exterior Grey Window Caulking	Southeast Window	6016-6018 Montgomery Road Windows	6728519
	102		Northeast Window		6728520

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	103		2 nd Floor East Patio Window		
34	104	Asphalt Roof with Tectum Board	Northwest Corner	6024 Montgomery Road – Roof	6728521
	105		Northeast Corner		6728522
	106		Center of East Wall		6728523
					6728524
35	107	Grey Caulking	Southwest Corner of Roof	6024 Montgomery Road – Southwest Corner Chimney	6728525
	108		Southwest Corner of Roof		6728526
	109		Southwest Corner of Roof		6728527
36	110	Asphalt Flashing	Southwest Corner of Roof	6024 Montgomery Road – Roof	6728528
	111		Southeast Corner of Roof		6728529
	112		Northwest Corner of Roof		6728530
37	113	White Tape with Black Tar	Southwest Corner of Roof	6024 Montgomery Road – Varies Locations on Parapet Wall	6728531
	114		Northwest Corner of Roof		6728532
	115		Northeast Corner of Roof		6728533
38	116	White Caulking	Northeast Corner	6024 Montgomery Road – On Northeast Parapet Wall	6728534
	117		North Middle Wall		6728535
	118		North Middle Wall		6728536
39	119	Black Caulking	Base of Vent Pipe	6024 Montgomery Road – Base of Vent Pipe on Roof	6728537
	120		Base of Vent Pipe		6728538

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	121		Base of Vent Pipe		6728539
40	122	Black Caulking	Northeast Corner	6024 Montgomery Road – Northeast Parapet Wall	6728540
	123		Northeast Corner		6728541
	124		Northeast Corner		6728542
41	125	Asphalt Roof with Black Tar Paper	Southeast Corner	6024 Montgomery Road – South Lower Roof	6728543
	126		Southwest Corner		6728544
	127		Northeast Corner		6728545
42	128	Asphalt Flashing with Tar Paper	East Side	6024 Montgomery Road – South Lower Roof	6728546
	129		Middle of Roof		6728547
	130		West Side		6728548
43	131	White Flashing Caulking	East Side	6024 Montgomery Road – South Lower Roof	6728549
	132		Middle of Roof		6728550
	133		West Side		6728551
44	134	Exterior Grey Window Caulking	2 nd Floor – South Wall – Southwest Window	6024 Montgomery Road – 2 nd Floor Windows	6728552
	135		2 nd Floor – South Wall – Southeast Window		6728553
	136		2 nd Floor – East Wall – Southeast Window		6728554
45	137	White Exterior Texture on CMU Block	Rear 2 nd Floor of Building	6024 Montgomery Road – Exterior Walls of Building	6728555
	138		East Side Middle of 1 st Floor		6728556

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	139		East Side Near Southeast Corner		6728557
	140		South Side of Southeast Corner of Addition		6728558
	141		Middle of South Side		6728559
	142		West Side Near Southwest Corner		6728560
	143		Middle of West Side		6728561
46	144	Textured Paint on Concrete Walls	Rear Entry Door of 6018 Montgomery Road	6016-6016 Montgomery Road – Exterior Walls	6728562
	145		Rear Entry Door of 6016 Montgomery Road		6728563
	146		Southwest Corner		6728564
	147		South Side of West Wall		6728565
	148		North Side of West Wall		6728566
	149		Northwest Corner		6728567
	150		2nd Floor Door Way at Rear of Building Near Southwest Apartment		6728568
47	151	Exterior Grey Door Caulking	6016 Montgomery Road Rear Entry Door	6016-6018 Montgomery Road Rear Entry Door	6728569
	152		6016 Montgomery Road Rear Entry Door		6728570
	153		6018 Montgomery Road Rear Entry Door		6728571
48	154	White Exterior Window Caulking	East Window	6024 Montgomery Road – 2nd Floor Front Windows	6728572
	155		Middle Window		6728573
	156		West Window		6728574

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
49	157	White Exterior Window Glazing	East Window	6024 Montgomery Road – 2 nd Floor Front Windows	6728575
	158		Middle Window		6728576
	159		West Window		6728577
50	160	White Roofing with Yellow Glue	East Side	6024 Montgomery Road – Front Awning Roof	6728578
	161		Middle of Roof		6728579
	162		West Side		6728580
51	163	Grey Exterior Caulking	East Side	6024 Montgomery Road – On Front Awning	6728581
	164		Middle		6728582
	165		West Side		6728583
52	166	Grey Exterior Window Caulking	East Side	6024 Montgomery Road – 1 st Floor Northeast Window	6728584
	167		West Side		6728585
	168		West Side		6728586
53	169	Exterior Grey Door Caulking	East Side of Door	6024 Montgomery Road – Front Door	6728587
	170		West Side of Door		6728588
	171		West Side of Door		6728589
54	172	Black Exterior Window Caulking	East Side	6024 Montgomery Road – Northwest Front Store Window	6728590
	173		West Side		6728591
	174		West Side		6728592

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
55	175	Grey Exterior Window Glazing	Above East Window	6018 Montgomery Road Top Windows at the Front of the Store	6728593
	176		Above East Window		6728594
	177		Above West Window		6728595
56	178	Grey Exterior Window Caulking	East Side of Window	6018 Montgomery Road Main Windows at the Front of the Store	6728596
	179		East Side Near Doorway		6728597
	180		West Side of Windows		6728598
57	181	Grey Exterior Window Caulking	Window Above Entry to 6018 Montgomery Road	2 nd Floor Windows of 6016-6018 Montgomery Road	6728599
	182		Window Above Entry to 6018 Montgomery Road		6728600
	183		Window Above Entry to 6018 Montgomery Road		6728601
58	184	Grey Exterior Door Caulking	East Side of Door	At Entry to 6016-6018 Montgomery Road 2 nd Floor Apartments	6728602
	185		West Side of Door		6728603
	186		West Side of Door		6728604
59	187	Grey Exterior Window Caulking	East Side	6016 Montgomery Road Front Store Window	6728605
	188		West Side		6728606
	189		West Side		6728607
6016 Montgomery Road 1 st Floor – Former Lester Forest					
60	190	12"x12" Black Vinyl Sheet Floor Tile with White Squall and Yellow Mastic	Middle of Area	Lobby	6728608
	191		East Side		6728609

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	192		West Side		6728610
61	193	2'x2' Small Fissure Ceiling Tile	Southeast Corner of Lobby	Lobby	6728611
	194		South Middle of Lobby		6728612
	195		Along North Wall in the Middle		6728613
62	196	Unfinished Gypsum Board	Middle of Room	Above Ceilings on 1 st Floor	6728614
	197		North End of Room		6728615
	198		South End of Room		6728616
63	199	Drywall System: Drywall and Joint Compound	Lobby Area on West Wall	Lobby	6728617
	200		Lobby Area on South Bulk Head		6728618
	201		Lobby Area in the Middle of East Wall		6728619
64	202	Plaster: Finished Coat and Base Coat	West Wall Above Ceiling Tile on South End	Throughout First Floor	6728620
	203		Middle of West Wall		6728621
	204		North Wall Above Windows		6728622
	205		West Wall Near Basement Stairwell		6728623
	206		West Wall Towards the North End		6728624
65	207	Yellow Carpet Mastic	Northeast Corner	Throughout Area	6728625
	208		Northwest Near Basement Steps		6728626
	209		Southeast Corner Near Exit Door		6728627

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
66	210	Rock Pattern Vinyl Sheet Flooring with Yellow Mastic	At Entry to North Restroom	Restroom Floors	6728628
	211		At Entry to North Restroom		6728629
	212		At Entry to South Restroom		6728630
6016-6018 Montgomery Road Basement					
67	213	Aerocell Pipe Insulation	Northwest Room in 6016 Montgomery Road Basement	Throughout Basement and Hidden in Walls	6728631
	214		South End of South Room in 6016 Montgomery Road Basement		6728632
	215		South End and Near Restroom of 6018 Montgomery Road Basement		6728633
68	216	White Hard Pipe Fittings	Northwest Room in 6016 Montgomery Road Basement	Throughout Basement and Hidden in Walls	6728634
	217		South End of South Room in 6016 Montgomery Road Basement		6728635
	218		South End and Near Restroom of 6018 Montgomery Road Basement		6728636
69	219	Black Tar Paper	Middle of Northeast Room of Basement of 6016 Montgomery Road	Underneath Hard Wood Floors of 6016-6018 Montgomery Road	6728637
	220		South Room on North Side of Basement of 6016 Montgomery Road		6728638
	221		Middle of Northwest Room of Basement of 6018 Montgomery Road		6728639
70	222	White Waterproofing	Northwest Stairwell	Northwest and Northeast Stairwells	6728640
	223		Northwest Stairwell		6728641
	224		Northeast Stairwell		6728642

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
71	225	Plaster Finished Coat on Gypsum Board	Doorway Between 6018 Montgomery Road and 6018 Montgomery Road	6018 Montgomery Road Basement Ceiling	6728643
	226		Southeast Corner of North Room		6728644
	227		Doorway Between North and South Rooms		6728645
	228		Center of South Room		6728646
	229		Exit to Rear of Building		6728647
72	230	Corrugated Insulation Board	Above Boiler	6018 Montgomery Road – Basement Above Boiler	6728648
	231		Above Boiler		6728649
	232		Above Boiler		6728650
73	233	Drywall System: Drywall and Joint Compound	Above Boiler	6018 Montgomery Road – Basement Near Boiler	6728651
	234		Above Boiler		6728652
	235		Near Exit Door		6728653
6018 Montgomery Road 1 st Floor - Former Salon					
74	236	12"x12" Black White Checkered Floor Tile with Yellow	Near Rear Exit	Throughout	6728654
	237		Near Front Entrance		6728655
	238		Doorway to Large Middle Room		6728656
75	239	2'x4' Small Fissure Ceiling Tile	Above Rear Exit Door	South Room	6728657
	240		Middle of Hallway		6728658
	241		North End of Hallway		6728659

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
76	242	Plaster Ceilings: Base Coat and Finished Coat	South Doorway in Salon Area	Throughout 1 st Floor Ceilings	6728660
	243		West Wall of Salon		6728661
	244		Center of Lobby		6728662
	245		Southwest Corner of Lobby		6728663
	246		West Wall of West Room		6728664
	247		Southwest Corner of West Room		6728665
	248		Southwest Corner of Salon Area		6728666
77	249	Plaster Walls: Base Coat and Finished Coat	Center of Restroom	Throughout 1 st Floor Walls	6728667
	250		Southwest Corner of West Room		6728668
	251		Hallway Outside Restroom		6728669
	252		Closet Next to Restroom		6728670
	253		South Rear Wall		6728671
	254		East Lobby Wall		6728672
	255		East Restroom Wall		6728673
78	256	Textured Wall Coating	Northeast Corner of Salon Room	Throughout 1 st Floor Walls	6728674
	257		Middle of East Wall of Salon Room		6728675
	258		Southeast Corner of Salon Room		6728676
	259		West of Rear Exit		6728677

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	260		East of Rear Exit		6728678
	261		East of Rear Exit		6728679
	262		Middle of Salon Above East Wall		6728680
79	263	Drywall System: Drywall and Joint Compound	North Wall in Kitchen	Throughout Space	6728681
	264		Salon Room Under Texture in Southwest Corner		6728682
	265		Laundry Room in Southeast Corner		6728683
	266		Hall Outside Kitchen in Southwest Corner		6728684
	267		Front Room on South Middle Wall		6728685
	268		Front Room on South Wall		6728686
	269		Northeast Corner of Salon Area		6728687
80	270	Textured Ceiling	Center of North Wall	Salon Area	6728688
	271		Center of North Side		6728689
	272		Center of Room		6728690
	273		Center of South Side		6728691
	274		Center of South Wall		6728692
81	275	Blue Wood Board with Yellow Mastic	North End	Salon Room Along East Wall	6728693
	276		Middle		6728694
	277		South End		6728695

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
82	278	Carpet Mastic	West Room on South Side	West Side of Space	6728696
	279		Middle of West Room		6728697
	280		North End of West Room		6728698
83	281	12"x12" Green Ceramic Floor Tile, Mortar and Grout	At Entry	Restroom Floor	6728699
	282		At Entry		6728700
	283		At Entry		6728701
84	284	2'x4' Textured Pattern Ceiling Tile	Hallway Outside Restroom	Hallway Outside Restroom	6728702
	285		Hallway Outside Restroom		6728703
	286		Hallway Outside Restroom		6728704
85	287	Multi-Sized Green Ceramic Floor Tile with Mortar and Grout	Northeast Corner	Lobby to Apartments	6728705
	288		East of Entry Door		6728706
	289		East of Entry Door		6728707
86	290	4"x4" Green Ceramic Wall Tile with Brown Mastic and Grout	Southwest Corner	Lobby to Apartments	6728708
	291		Northwest Corner		6728709
	292		Northeast Corner		6728710
6016-6018 Montgomery Road – 2 nd Floor Apartments					
87	293	Yellow Carpet Mastic	At First Floor Landing	Hallways and Steps Outside Apartments	6728711
	294		At First Landing Between Floors		6728712

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	295		At Top of Steps on the North Side		6728713
88	296	Plaster Ceilings: Base Coat and Finished Coat	Northeast Apartment – Northeast Corner of Living Room	Throughout Apartments	6728714
	297		Northeast Apartment – Above Doorway to Kitchen		6728715
	298		North Hallway – Northeast Corner		6728716
	299		Northwest Apartment – Above Entry		6728717
	300		Northwest Apartment – At Entry to Bedroom		6728718
	301		Southeast Apartment – Northeast Corner of Kitchen		6728719
	302		Southeast Apartment – Southwest Corner of Living Room		6728720
89	303	Plaster Walls: Base Coat and Finish Coat	Northeast Apartment – Southwest Corner of Living Room	Throughout Apartments	6728721
	304		Northeast Apartment – Above Kitchen Doorway		6728722
	305		North Hallway – Northeast Corner		6728723
	306		Northwest Apartment – At Entry		6728724
	307		Northwest Apartment – Northwest Corner of Bedroom		6728725
	308		Southeast Apartment – North Wall of Bedroom		6728726
	309		Southeast Apartment – Southwest Corner of Living Room		6728727
90	310	Textured Ceilings	Northwest Corner of Dining Room in Northwest Apartment	Throughout Apartments	6728728
	311		Northeast corner of Bedroom in Northwest Apartment		6728729
	312		North End of Living Room in Southwest Apartment		6728730

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	313		Middle of Southeast Apartment Restroom		6728731
	314		Southeast Corner of Dining Room in Northeast Apartment		6728732
	315		Southwest Corner of Living Room of Northeast Apartments		6728733
	316		Northeast Corner of Dining Room of Northeast Apartment		6728734
91	317	Wayne's Coating <i>wainscoting?</i>	North of Entry to Northeast Apartment	Hallway Walls of Apartments	6728735
	318		South End of Hallway on East Wall		6728736
	319		At Landing on West Wall		6728737
92	320	12"x12" Peel and Stick Green Floor Tile with Yellow Mastic	At Entry to Kitchen	Northeast Apartment Kitchen	6728738
	321		At Entry to Pantry		6728739
	322		At Entry to Panty		6728740
93	323	2"x4" White Ceramic Wall Tile with Brown Mastic and Grout	Northeast Apartment – East of Entry	Northeast Apartment and Northwest Apartment Kitchen	6728741
	324		Northeast Apartment – Northwest Corner		6728742
	325		Northwest Apartment – Southwest Corner		6728743
94	326	Faux Ceramic Wall Tile Fiber Glass Reinforced Plastic with Yellow Mastic	Northeast Apartment – East of Entry to Kitchen	Backsplash in Northeast Apartment Kitchen	6728744
	327		Northeast Apartment – East of Entry to Kitchen		6728745
	328		Northeast Apartment – East of Entry to Kitchen		6728746
95	329	Yellow Vinyl Sheet Flooring with Black Tar Paper	At Entry to Pantry	Pantry of Northeast Apartment	6728747
	330		At Entry to Pantry		6728748

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	331		At Entry to Pantry		6728749
96	332	12"x12" Grey Floor Tile with Yellow Mastic	Middle of Northeast Apartment Restroom	Northeast and Southeast Apartments Restroom Floors Under Floor Tile	6728750
	333		Middle of Southeast Apartment Restroom		6728751
	334		Middle of Southeast Apartment Restroom		6728752
97	335	1"x1: Hexagon Shaped Ceramic Floor Tile, Mortar and Grout	Middle of Southeast Apartment Restroom	Northeast and Southeast Apartments Restroom Floors Under Floor Tile (HA 96)	6728753
	336		Middle of Northeast Apartment Restroom		6728754
	337		Middle of Northeast Apartment Restroom		6728755
98	338	3"x6" White Ceramic Wall Tile with Yellow Mastic and Grout	Southeast Apartment in Southwest Corner	Northeast and Southeast Apartment Restrooms	6728756
	339		Northeast Apartment – East of Sink		6728757
	340		Northeast Apartment – East of Sink		6728758
99	341	Yellow Mastic Behind Wood Panels	Northeast Apartment – South Room in Middle of South Wall	Throughout Apartments	6728759
	342		Northwest Apartment - Northwest Room in Middle of West Wall		6728760
	343		Southeast Apartment in Bedroom – Middle of North Wall		6728761
100	344	Grey Rectangular Shaped Peel and Stick Floor Tile with Yellow Mastic	Northeast Corner	Northwest Apartment Kitchen Floor	6728762
	345		Southwest Corner		6728763
	346		Southeast Corner		6728764
101	347	White Caulking	West Side of Sink	Around Sink in Northwest Apartment	6728765
	348		West Side of Sink		6728766

End

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	349		East Side of Sink		
102	350	White Multi-Sized Floor Tile with Mortar and Grout	At Doorway	Northwest Apartment Restroom	6728767
	351		At Doorway		6728768
	352		Middle of North Wall		6728769
					6728770
103	353	4"x4" Ceramic Wall Tile with Mortar and Grout	Above Sink	Northwest Apartment Restroom	6728771
	354		Above Sink		6728772
	355		Above Sink		6728773
104	356	12"x12" Beige Peel and Stick Floor Tile with Yellow Mastic	Near Exit Door of Kitchen	Kitchen and Dining Room of Southeast Apartment	6728774
	357		Near Entry to Bedroom		6728775
	358		Near Entry to Dining Room From Living Room		6728776
105	359	2'x4' Textured Ceiling Tile	Southwest Corner	Living Room of Southeast Apartment	6728777
	360		Middle of North Side		6728778
	361		Southeast Corner		6728779
106	362	2'x4' Small Fissure Ceiling Tile	Northeast Corner	Kitchen of Southeast Apartment	6728780
	363		Southeast Corner		6728781
	364		Southwest Corner		6728782
107	365	Tan Vinyl Sheet Flooring with Yellow Mastic	In Attic Closet	Southwest Apartment Kitchen Floor and Hallway Entry Attic Closet	6728783
	366		In Attic Closet		6728784

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	367		In Attic Closet		6728785
108	368	Brown Insulation	At Attic Hatch	Attic	6728786
	369		At Attic Hatch		6728787
	370		At Attic Hatch		6728788
	371		At Attic Hatch		6728789
	372		At Attic Hatch		6728790
	373		At Attic Hatch		6728791
	374		At Attic Hatch		6728792
	6024 Montgomery Road – Interior				
109	375	Plaster Walls: Base Coat and Finished Coat	Northwest Side of West Wall	1 st Floor	6728793
	376		Northeast Corner		6728794
	377		Near Entry to South Stairwell		6728795
110	378	Drywall System: Drywall and Joint Compound	Near Northeast Entry Door	North End of 1 st Floor	6728796
	379		Northeast Side of Store Window		6728797
	380		Northeast Side of Space		6728798
111	381	4" Brown Cove Base with Brown Mastic	Northwest Corner	1 st Floor	6728799
	382		Near Northeast Entry		6728800
	383		Near Restroom Entry		6728801

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
112	384	4" Brown Cove Base with Brown Mastic	North Side of West Wall	Various Locations on 1 st Floor	6728802
	385		Northwest Corner		6728803
	386		Northeast Corner		6728804
113	387	White Mastic	South Exit Door	Back Door on 1 st Floor	6728805
	388		South Exit Door		6728806
	389		South Exit Door		6728807
114	390	Paper Beneath Concrete Slab	North Center of Room	1 st Floor Ceiling	6728808
	391		Center of Room		6728809
	392		South Center of Room		6728810
115	393	Black Floor Mastic and White Floor Leveler	Top of North Steps	Office Area on 2 nd Floor and 2 nd Floor Hallway	6728811
	394		Northeast Corner of Office Area		6728812
	395		Northwest Corner of Office Area		6728813
116	396	Brown Mastic Behind Black Panels	Middle of West Wall	2 nd Floor Restroom on West Wall	6728814
	397		Middle of West Wall		6728815
	398		Middle of West Wall		6728816
117	399	Plaster Ceilings: Base Coat and Finished Coat	Southeast Corner	2 nd Floor Ceilings in Office Area	6728817
	400		Northeast Corner		6728818
	401		Northwest Corner		6728819

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	402		Southwest Corner		6728820
	403		Center of Room		6728821
118	404	Plaster Walls: Base Coat and Finished Coat	Southwest Corner of Office	2nd Floor Walls	6728822
	405		Southeast Corner of Office		6728823
	406		Hallway Outside Restroom on East Wall		6728824
	407		Near South Stairwell		6728825
	408		Northwest Corner of South Room		6728826
119	409	4" Black Cove Base with Yellow Mastic	Northeast Corner	2nd Floor Office Area	6728827
	410		Northwest Corner		6728828
	411		Southwest Corner		6728829
120	412	Drywall System: Drywall and Joint Compound	West Side	2nd Floor Office Area in Northwest Corner	6728830
	413		West Side		6728831
	414		East Side		6728832
121	415	White Textured Wall	North Wall in Center	2nd Floor Office Area	6728833
	416		Southwest Corner		6728834
	417		East Wall of Office		6728835
122	418	Black Floor Tile with Black Mastic	At Entry	2nd Floor Northwest Closet	6728836
	419		At Entry		6728837

Sample #		Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #				
	420		At Entry		6728838
123	421	Grey Interior Window Glazing	Southeast Corner	2 nd Floor Windows	6728839
	422		Southeast Corner		6728840
	423		Southwest Corner		6728841
124	424	Fire Doors	South Door	2 nd Floor Stairwell Doors	6728842
	425		North Door		6728843
	426		North Door		6728844
6016-6018 Montgomery Road – 2 nd Floor Apartments					
125	427	Brown Mastic Underneath Metal Ceiling Panels	Northeast Corner	Kitchen Ceiling of Southeast Apartment	6728845
	428		Southeast Corner		6728846
	429		Northwest Corner		6728847

Asbestos Survey

6010, 6016-6018, & 6024 Montgomery Rd. ■ Cincinnati, OH
March 15, 2019 ■ Terracon Project No. N1197037



APPENDIX D

LICENSES AND CERTIFICATIONS

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101165-0

International Asbestos Testing Laboratories

Mt. Laurel, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2018-07-01 through 2019-06-30

Effective Dates



A handwritten signature in blue ink, which appears to read "Peter S. Lander".

For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

International Asbestos Testing Laboratories

9000 Commerce Parkway

Suite B

Mt. Laurel, NJ 08054

Mr. Frank E. Ehrenfeld III

Phone: 856-231-9449 Fax: 856-231-9818

Email: frankehrenfeld@iatl.com

<http://www.iatl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101165-0

Bulk Asbestos Analysis

Code

Description

18/A01

EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples

18/A03

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

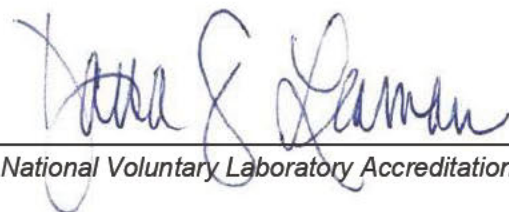
Airborne Asbestos Analysis

Code

Description

18/A02

U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

January 31, 2019

Joshua Vogel
Terracon
611 Lunken Park Drive
Cincinnati OH 45226

RE: Asbestos Hazard Evaluation Specialist
Certification Number: ES35291
Expiration Date: 03/03/2020

Dear Joshua Vogel:

This letter and enclosed certification card approves your request to be certified as an Asbestos Hazard Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of the Environmental Protection Agency for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please call 614-644-0226.

Sincerely,

A handwritten signature in black ink, appearing to read "J. S. Koch", is written over a light gray rectangular background.

Joshua S. Koch
Manager, Business Operations Support Section
Division of Air Pollution Control



Non-responsive



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

August 31, 2018

Joseph A Tussey
Terracon Consultants Inc
611 Lunken Park Drive
Cincinnati OH 45226

RE: Asbestos Hazard Evaluation Specialist
Certification Number: ES32388
Expiration Date: 09/02/2019

Dear Joseph A Tussey:

This letter and enclosed certification card approves your request to be certified as an Asbestos Hazard Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of the Environmental Protection Agency for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please call 614-644-0226.

Sincerely,

A handwritten signature in black ink that reads "Mark JS Needham".

Mark Needham
Manager, Asbestos Program
Division of Air Pollution Control

State of Ohio

Non-responsive

Asbestos Survey

6010, 6016-6018, & 6024 Montgomery Rd. ■ Cincinnati, OH
March 15, 2019 ■ Terracon Project No. N1197037



APPENDIX E

PHOTOS

Asbestos Survey

6010, 6016-6018, & 6024 Montgomery Rd. ■ Cincinnati, OH
March 15, 2019 ■ Terracon Project No. N1197037

Terracon



Photo #1 HA 1: Asbestos-Containing 12"x12" Beige Floor Tile with Black Mastic,



Photo #2 HA 3: Asbestos-Containing Black Interior Window Caulking.

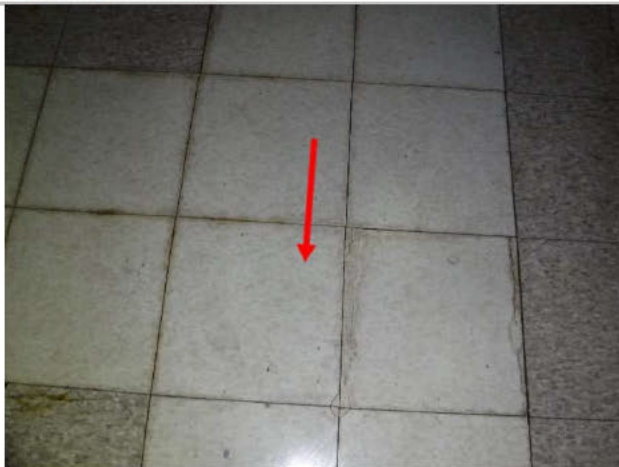


Photo #3 HA 4: Asbestos-Containing Black Mastic Beneath Non-Asbestos-Containing 12"x12" Cream Floor Tile Patch.



Photo #4 HA 7: Asbestos-Containing (<1% by PLM) Brown Mastic Beneath Non-Asbestos-Containing 4" Black Cove Base.



Photo #5 HA 14: Asbestos-Containing (<1% by PLM) Vermiculite Fill Insulation (inside CMU blocks).



Photo #6 HA 16: Asbestos-Containing Exterior Black Window Caulking.

Asbestos Survey

6010, 6016-6018, & 6024 Montgomery Rd. ■ Cincinnati, OH
March 15, 2019 ■ Terracon Project No. N1197037

Terracon



Photo #7 HA 20: Asbestos-Containing Asphalt Roof.



Photo #8 HA 22: Asbestos-Containing Black Mastic Beneath Non-Asbestos-Containing Caulking.



Photo #9 HA 25: Asbestos-containing Asphalt Roof with Black Tar.



Photo #10 HA 26: Asbestos-Containing Asphalt Flashing with Black Tar.



Photo #11 HA 27: Asbestos-containing Black Roof Patch.



Photo #12 HA 29: Asbestos-Containing Tar/Mastic Beneath Non-Asbestos-Containing Grey Caulking.

Asbestos Survey

6010, 6016-6018, & 6024 Montgomery Rd. ■ Cincinnati, OH
March 15, 2019 ■ Terracon Project No. N1197037

Terracon



Photo #13 HA 30: Asbestos-containing Black Mastic Beneath Non-Asbestos-Containing White Roof Patch.



Photo #14 HA 33: Asbestos-containing Tan Window Caulking Beneath Non-Asbestos-Containing Exterior Grey Caulking.



Photo #15 HA 34: Asbestos-containing Asphalt Roof with Non-Asbestos-Containing Tectum Gypsum Board.



Photo #16 HA 44: Asbestos-containing Exterior Grey Window Caulking.



Photo #17 HA 48: Asbestos-containing White Exterior Window Caulking.



Photo #18 HA 52: Asbestos-containing Grey Exterior Window Caulking on Block Windows.

Asbestos Survey

6010, 6016-6018, & 6024 Montgomery Rd. ■ Cincinnati, OH
March 15, 2019 ■ Terracon Project No. N1197037

Terracon

Photo #19 HA 53: Asbestos-containing Exterior Grey Door Caulking.



Photo #20 HA 56: Asbestos-containing Grey Exterior Window Caulking.



Photo #21 HA 57: Asbestos-containing Grey Exterior Window Caulking.



Photo #22 HA 67: Asbestos-containing Aerocell Pipe Insulation.



Photo #23 HA 68: Asbestos-containing White Hard Pipe Fittings.



Photo #24 HA 72: Asbestos-containing Corrugated Insulation Board.

Asbestos Survey

6010, 6016-6018, & 6024 Montgomery Rd. ■ Cincinnati, OH
March 15, 2019 ■ Terracon Project No. N1197037

Terracon



Photo #25 HA 93: Asbestos-containing Brown Mastic Beneath Non-Asbestos-Containing 2"x4" White Ceramic Wall Tile and Grout.



Photo #25 HA 93: Asbestos-containing Black Floor Tile with Non-Asbestos-Containing Black Mastic.

Asbestos Survey

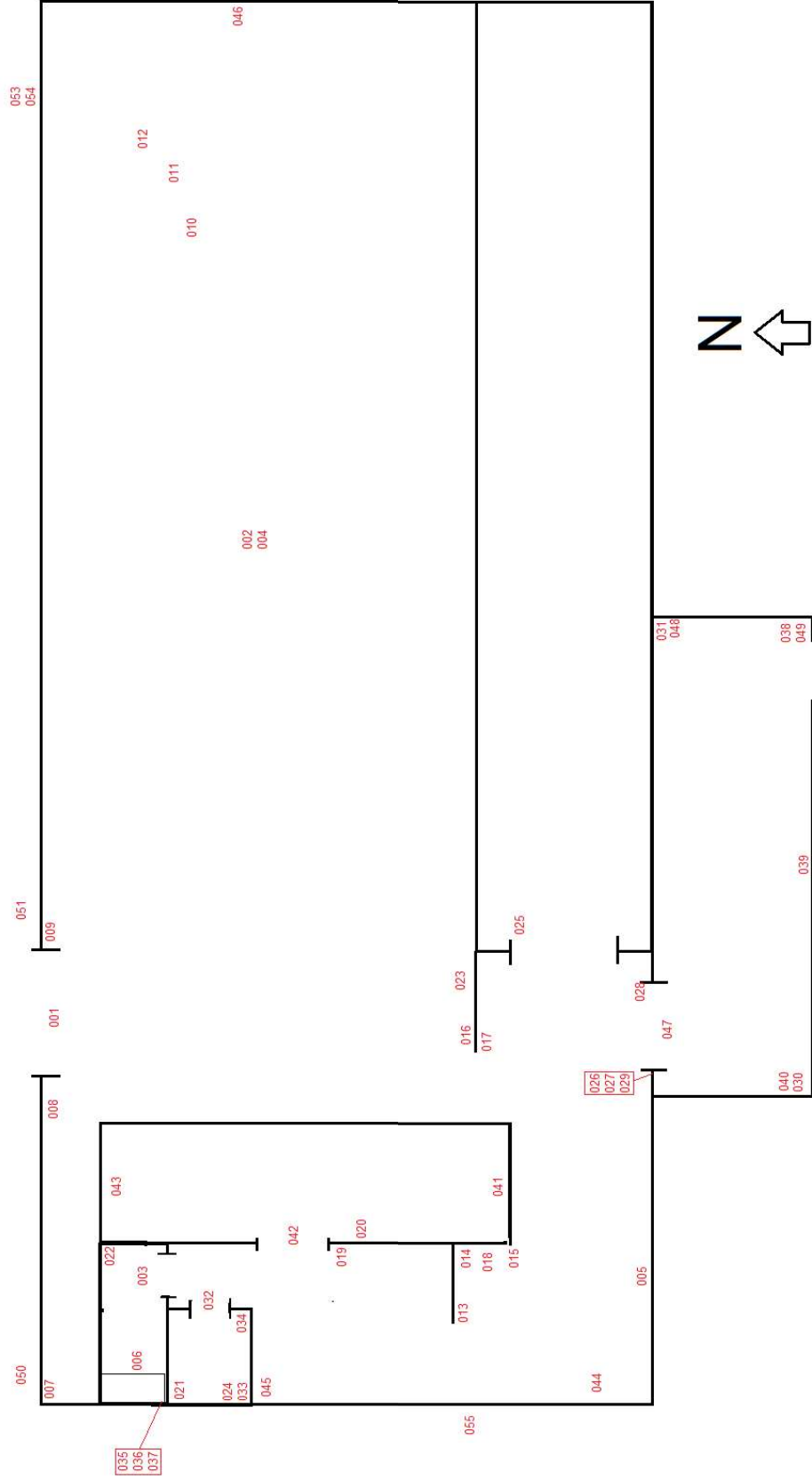
6010, 6016-6018, & 6024 Montgomery Rd. ■ Cincinnati, OH
March 15, 2019 ■ Terracon Project No. N1197037



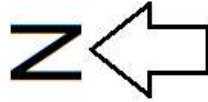
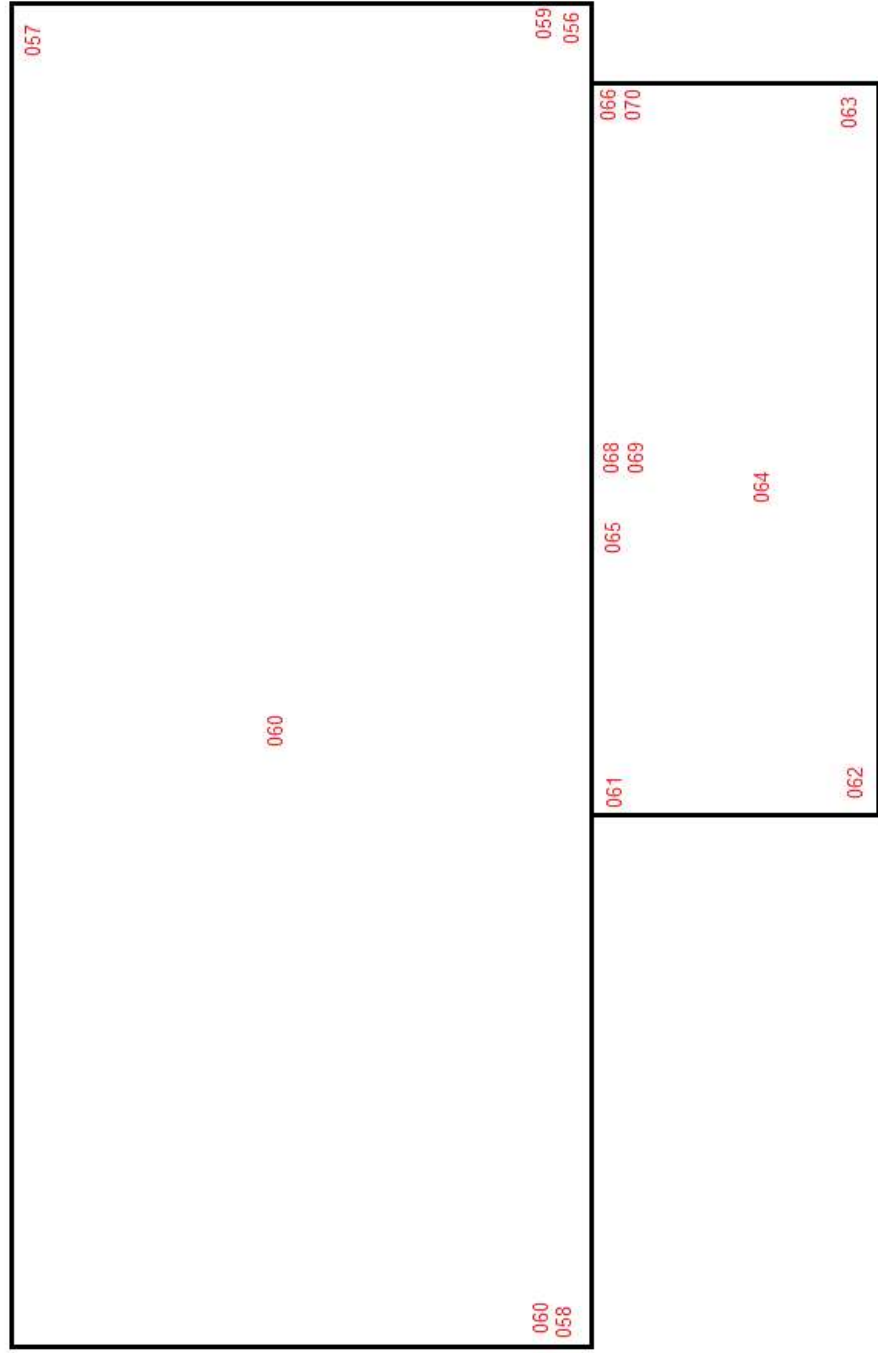
APPENDIX F

SAMPLE LOCATION DRAWINGS

Sample Location Drawing – 6010 Montgomery Road



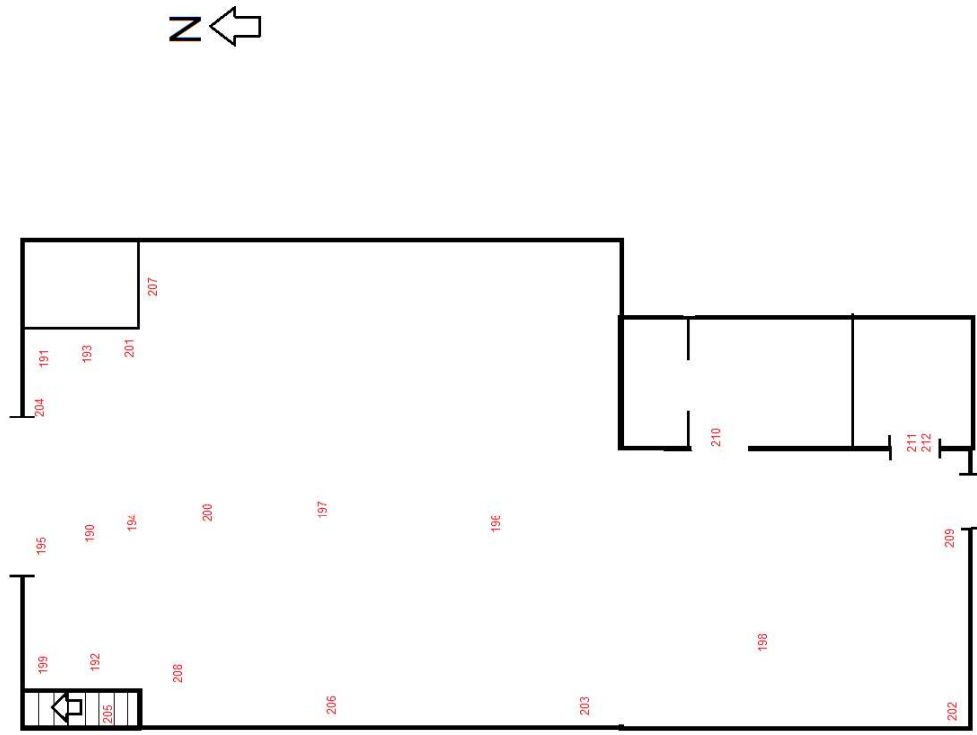
Sample Location Drawing – 6010 Montgomery Road Roof



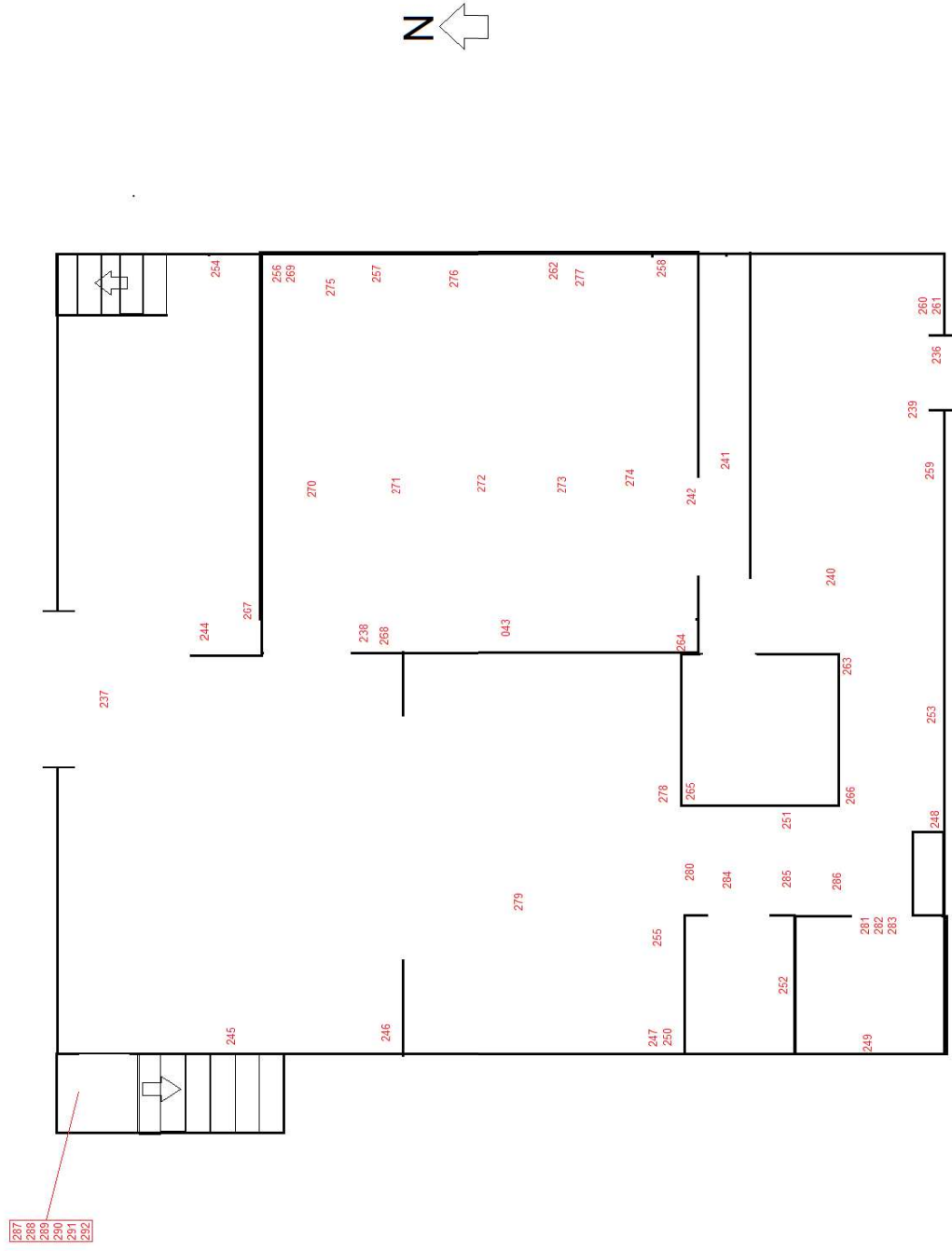
Sample Location Drawing – 6016-6018 Montgomery Road Basement



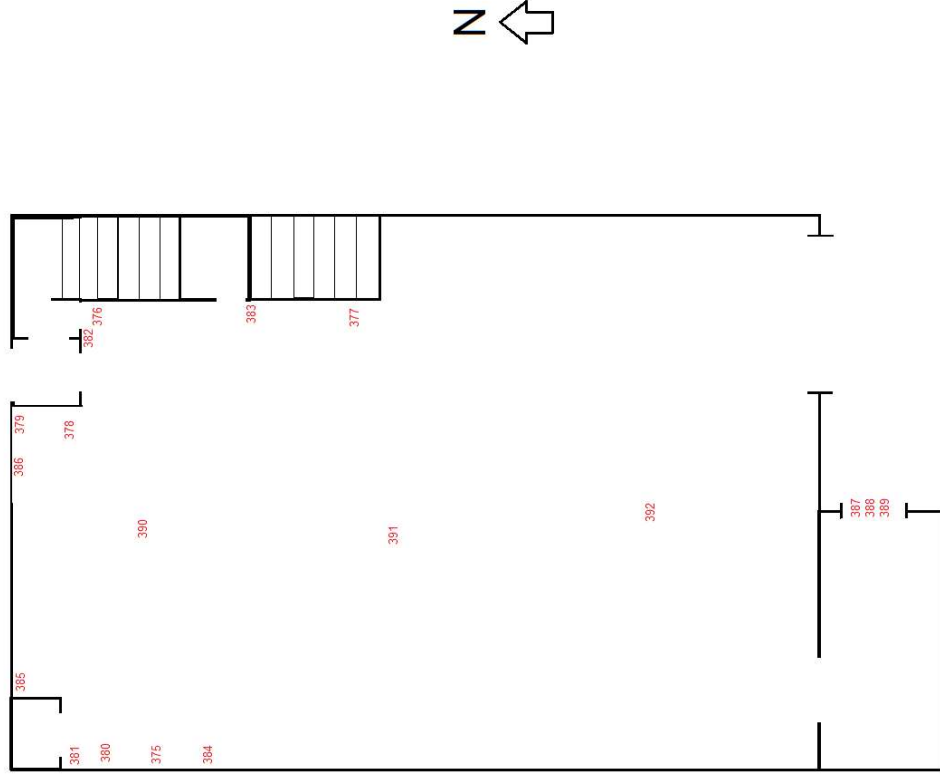
Sample Location Drawing – 6016 Montgomery Road 1st Floor



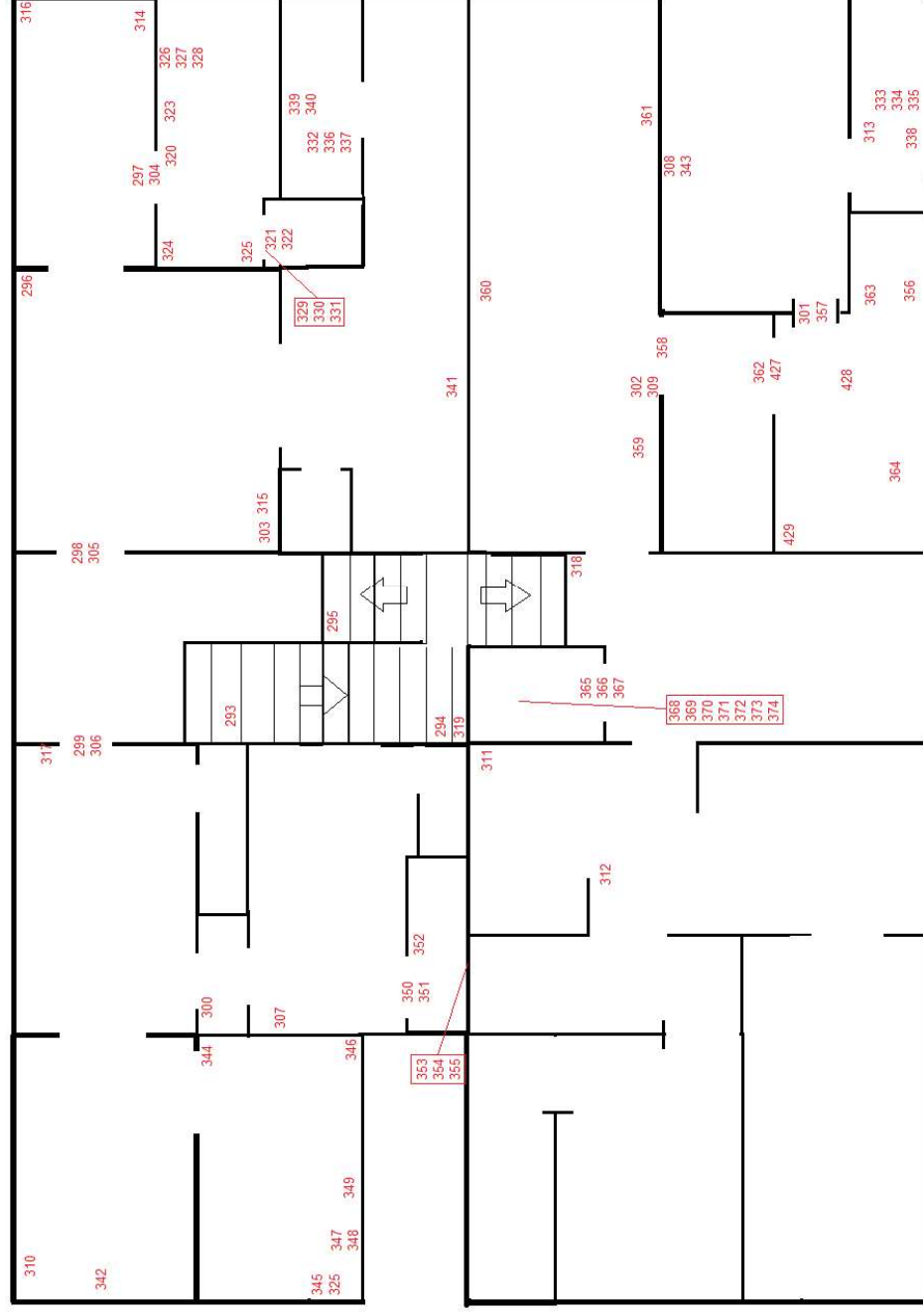
Sample Location Drawing – 6018 Montgomery Road 1st Floor



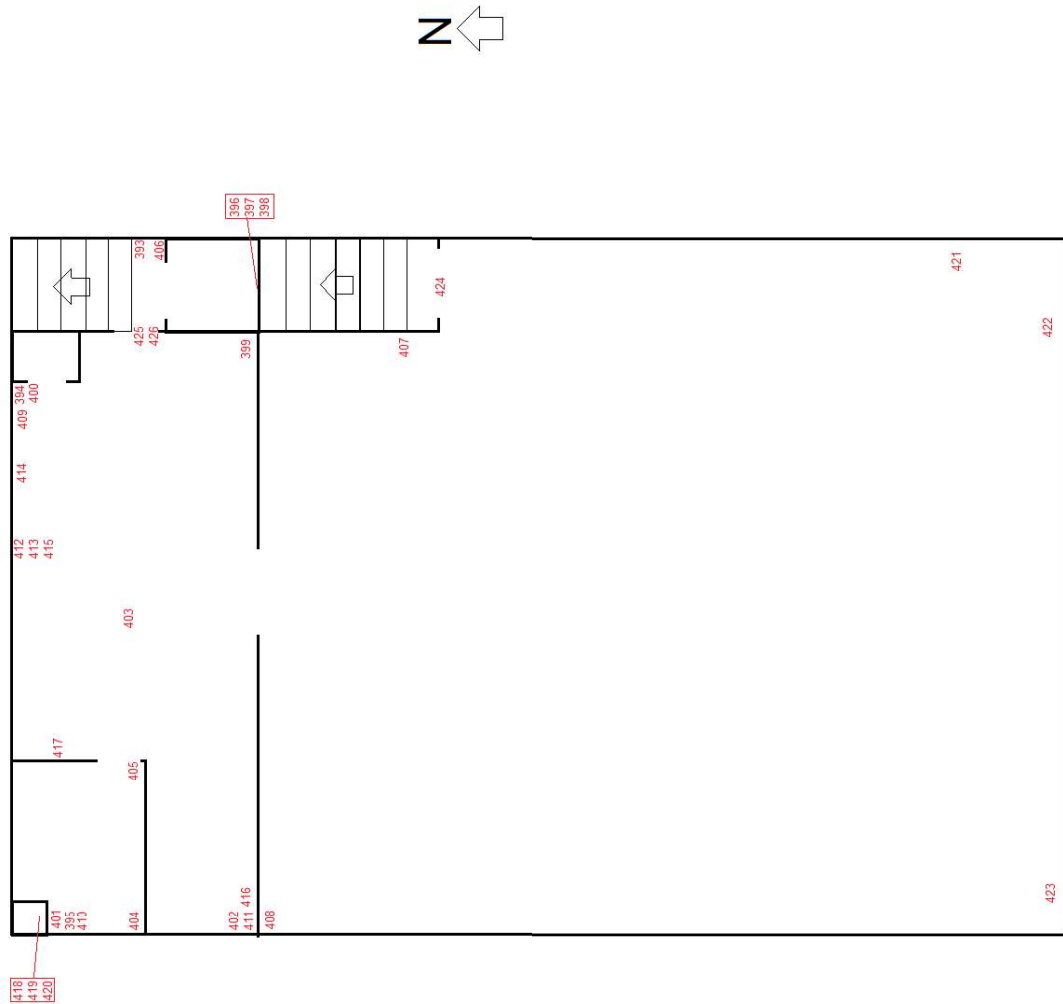
Sample Location Drawing – 6024 Montgomery Road 1st Floor

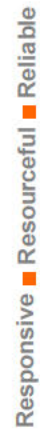


Sample Location Drawing – 6016-6018 Montgomery Road 2nd Floor



Sample Location Drawing – 6024 Montgomery Road 2nd Floor



$\mathbf{Z} \leftarrow$ 

Asbestos Survey

6010, 6016-6018, & 6024 Montgomery Rd. ■ Cincinnati, OH
March 15, 2019 ■ Terracon Project No. N1197037



APPENDIX G

PROJECT SAP & HASP

Sampling and Analysis Plan & Health and Safety Plan

ASBESTOS SURVEY

Community-Wide Assessment Grant
EPA Cooperative Agreement BF-00E02281-0
6010, 6018, and 6024 Montgomery Road
Cincinnati, Hamilton County, Ohio 45213

February 11, 2019
Terracon Project No. N1197037



ENR Rankings | 2018



Prepared for:

Greater Cincinnati Redevelopment Authority
Three East Fourth Street, Suite 300
Cincinnati, Ohio 45202

Prepared by:

Terracon Consultants, Inc.
611 Lunken Park Drive
Cincinnati, Ohio 45226

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials

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1.2	Project Objective	1
1.3	Quality Assurance Project Plan	2
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2.1	NESHAP Asbestos Survey Objective and Overview	3
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APPENDIX A QUALITY PROGRAM MANUAL OVERVIEW

APPENDIX B HEALTH AND SAFETY PLAN

Asbestos Survey

Limited Renovation Project ■ Taft Museum of Art
February 11, 2019 ■ Terracon Project No. N1187354



Sampling and Analysis Plan
&
Health and Safety Plan

ASBESTOS SURVEY

Community-Wide Assessment Grant
EPA Cooperative Agreement BF-00E02281-0
6010, 6018, and 6024 Montgomery Road
Cincinnati, Hamilton County, Ohio 45213


February 11, 2019

Brad Stimple Brownfields Project Manager
US Environmental Protection Agency

Date


Melissa Johnson Grantee Project Manager
Greater Cincinnati Redevelopment Authority

Date



Kevin Reid Project Manager, CP
Terracon Consultants, Inc.

11 February 2019
Date



Ihor Melnyk QA Manager
Terracon Consultants, Inc.

11 February 2019
Date

1.0 PROJECT DESCRIPTION

This sampling and analysis plan (SAP) is prepared for the asbestos survey of the structures located at 6010, 6018, and 6024 Montgomery Road in Cincinnati, Hamilton County, Ohio (site). The procedures outlined in this SAP are in accordance with the National Emission Standards for Hazardous Air Pollutants (NESHAP) (EPA 40 CFR Part 61, Subpart M) regulation.

Terracon Consultants, Inc. (Terracon), on behalf of the Greater Cincinnati Redevelopment Authority, will conduct the asbestos survey of three (3) structures located at the above-referenced addresses. Terracon understands that the asbestos survey will be funded through the United States Environmental Protection Agency (U.S. EPA) Brownfields Communitywide Assessment Grant: BF-00E02281-0.

1.1 Project Background

Terracon understands the site contains the following three (3) structures to be surveyed for asbestos-containing materials (ACMs) prior to demolition.

Building Descriptions				
Building Identification	Building Use	Approx. Construction Date	Number of Stories	Approx. Size (ft ²)
6010 Montgomery Road	Former convenience store	1976	1	2,700
6018 Montgomery Road	Former office and beauty salon with residences above and equipment maintenance in the basement	1928	2	6,700
6024 Montgomery Road	Former detail shop	1948	2	5,000

1.2 Project Objective

The subject structures will be inspected for suspect ACM and subsequent samples will be collected from such materials for laboratory analysis in an effort to determine the locations and quantities of ACM that may require removal under the federal and state-equivalent NESHAP regulations prior to building demolition and for proper disposal. The federal NESHAP regulation and the state of Ohio-equivalent NESHAP regulation (Ohio Administrative Code {OAC} 3745-20 require buildings to be inspected for ACM and the proper removal and disposal of regulated asbestos-containing materials (RACM) containing greater than 1% asbestos prior to renovation and demolition activities.

1.3 Quality Assurance Project Plan

Terracon's Quality Program Manual defines Terracon's project quality management for the processes, tasks and deliverables associated with projects performed by the company. Terracon's projects often result in opinions, conclusions and recommendations supported by field and laboratory data that we gather in the process of conducting the project as well as calculations and recommendations using that data. This manual sets out the approach to quality associated with the execution of the project and how those opinions, conclusions, and recommendations are developed and finalized. Aspects of quality related to the gathering of such field and laboratory data, and the performance of calculations and designs are addressed in a companion document, Quality Management System (QMS).

In the Terracon program, Quality Control occurs at the project level and includes the various reviews of documents, deliverables, calculations and data. Quality Assurance includes oversight of the quality control program, including verification that appropriate reviews were done and validation of the program through audits, surveys and reviews of those who are authorized to perform the quality control. The cornerstone of Terracon's quality program is the **Authorized Project Reviewer (APR)**. Every project at Terracon has an assigned **Project Manager (PM)** and an **APR**, regardless of size. The **PM** responsibilities include overall project performance, on-time delivery, management of budget and scope while maintaining a safe work environment, managing risk and delivering a quality product to meet the satisfaction of the Client. The **APR's** responsibilities include the quality of the work and the oversight of the project's aspects of schedule, budget, risk, scope, safety and Client satisfaction.

An overview of Terracon's Quality Program Manual is attached as Appendix A.

The following personnel will serve as the **APR** and **PM** for this project:

APR: Joseph A. Tussey, CHMM

- Bachelor of Science Degree; Master of Business Administration Degree
- Over 25 years of experience conducting asbestos surveys, preparing abatement project designs, and overseeing asbestos abatement projects.
- OEPA certified Asbestos Hazard Evaluation Specialists #32388
- OEPA certified Asbestos Project Designer #60612
- USEPA AHERA-accredited Asbestos Abatement Contractor/Supervisor

PM: Joshua Vogel

- Bachelor of Science Degree
- Over 10 years of experience conducting asbestos surveys, preparing abatement project designs, and overseeing asbestos abatement projects.
- OEPA certified Asbestos Hazard Evaluation Specialists #35291
- OEPA certified Asbestos Project Designer #60784

- OEPA certified Asbestos Hazard Abatement Specialist #32854

1.4 Health and Safety Plan

Our excellent safety record is due to the commitment of every one of our employees to safety. This starts with each employee showing up on time, well rested, and ready to begin work. Each employee is personally issued the proper personal protective equipment and trained in its use for the specific job that they will perform. Terracon conducts a safety meeting with our personnel prior to mobilizing to a project site. This safety meeting is conducted to review expectations and to discuss the safety issues likely to be encountered during the upcoming project.

Commitment to Safety – Incident and Injury Free

In the fall of 2010, Terracon rededicated itself to safety by instituting Incident and Injury Free (IIF) into the culture of our company.



Incident and Injury-Free (IIF) is about care and concern for people. It is our personal and organizational commitment at all levels of the company to everyone going home safe to their family every day. It is where safety is held as a core value as well as an operational priority. Working safely is an inseparable part of working correctly, just as much as other operational priorities, in particular quality, profitability and schedule. Incident and Injury-Free is our commitment to our people, who we value for who they are and what they do.

A site-specific Health & Safety Plan (HASP) has been developed for the proposed asbestos survey by Terracon's Certified Industrial Hygienist (CIH), Certified Safety Person (CSP), Mr. Mike Meister. The HASP will be read and understood by all Terracon employees involved with the asbestos survey activities at the site. The HASP has been prepared in accordance with Occupational Safety and Health Administration (OSHA) 29 CFR 1910.120 (b)(4) and a copy will be kept on-site and available to site personnel whenever site operations are taking place. A copy of the HASP is attached as Appendix B.

2.0 ASBESTOS SAMPLING AND ANALYSIS PLAN

This section provides the site-specific sampling and analysis plan for the NESHAP Asbestos Building Inspection.

2.1 NESHAP Asbestos Survey Objective and Overview

The objective of the NESHAP asbestos survey is to determine the presence, quantity, and location of ACM (>1%) within the site buildings. The objective will also include categorizing

SAP & HASP

Asbestos Survey ■ 6010, 6018, & 6024 Montgomery Rd., Cincinnati, OH 45213
February 11, 2019 ■ Terracon Project No. N1197037



identified ACM as a NESHAP regulated asbestos-containing material (RACM), NESHAP category I non-friable material, or NESHAP category II non-friable material.

The asbestos survey will be conducted by an OEPA certified AHES. Inspection protocols will be conducted in general accordance with NESHAP) Regulation 40 CFR 61, Subpart M and the sampling protocols established in the EPA Asbestos Hazard Emergency Response Act (AHERA) 40 CFR 763, Subpart E regulation.

2.2 Building Materials Survey

Terracon will conduct a visual assessment of the three (3) subject structures to identify materials suspected of containing asbestos (suspect ACM) such as thermal system insulation, surfacing materials (i.e. hand-troweled, spray-applied materials), and miscellaneous materials (e.g., floor tiles). Suspect materials will be physically assessed for friability and evidence of damage or degradation. Samples of suspect ACM will be collected for laboratory analysis. Bulk sample collection will be conducted in general accordance with the sampling protocols outlined in USEPA 40 CFR 763.86, Subpart E.

The visual assessment for each suspect ACM will be categorized into homogeneous areas (HA) for sampling purposes. A HA is defined as a material that exhibits similar physical characteristics (e.g., texture, surface color, and appearance) and that was applied or installed at the same time (if known) as observed by the inspector utilizing his/her professional judgment and experience. Per EPA regulations, certain building materials can be deemed as being a non-ACM by visual inspection; such as wood, metal, and glass. In addition, each HA of suspect ACM will be measured to estimate the linear footage, square footage or volume of the material present, so that the proper number of bulk samples can be collected for sample analysis.

Visual inspection of will include determining friability for the purpose of categorizing materials under NESHAP as RACM, non-friable category I materials, or non-friable category II materials. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos containing material (RACM), along with Category I non-friable ACM subject to sanding, grinding, cutting, or abrading, or Category II non-friable ACM with a high probability of becoming crumbled, pulverized, or reduced to powder by forces expected to act on the material during disturbance. Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials (other than Category I non-friable ACM) that contain more than 1% asbestos. Category II non-friable ACM generally includes (but is not limited to) cementitious material such as: cement pipes, cement siding (Transite™), cement panels, glazing, mortar, and grouts.

As part of the survey, and were practical and feasible without compromising safety, and with owner permission, in some instances a destructive investigation to make observations for (and

sample if necessary) potentially concealed suspect ACM may be conducted (e.g. behind walls, above ceilings, below floors). Limitations may be stated in the final report, especially those that present safety concerns to the inspector.

2.3 Suspect ACM Sampling

Based on EPA AHERA sampling requirements and Terracon standard operating procedures, the following sampling strategy will be used:

- For **surfacing materials**, the following minimum number of samples will be collected from each homogeneous area:
 - **3** bulk samples if the HA is < 1,000 square feet total
 - **5** bulk samples if the HA is > 1,000 square feet and < 5,000 square feet
 - **7** bulk samples if the HA is > 5,000 square feet
- For **thermal system insulation**, **3** bulk samples will be collected for each HA
- For **miscellaneous materials**, EPA AHERA requires a minimum of 2 bulk samples from each HA; however, Terracon's standard operating procedures as a company is to collect a minimum of **3** bulk samples from each HA

Sample locations from each suspect ACM will be chosen randomly and spread-out as feasible at the discretion of the inspector within each HA to be representative of that material. Before the sample is collected, a surfactant (soapy water) will be used to wet the sampling area to minimize a potential fiber release. The samples will be obtained using a hand tool as appropriate to collect a representative sample. A complete full depth sample will be collected to ensure that all potential asbestos-containing layers are sampled. Samples will be identified by a unique number, and sample numbers and locations will be logged onto a bulk sample collection log. A sample chain-of-custody form will be completed when the samples are submitted to a third-party accredited asbestos laboratory for analysis. All samples will be placed into a larger Ziplock type bag (double-bagged) prior to laboratory submission.

2.4 Laboratory Analyses

Bulk samples will be submitted under chain of custody to International Asbestos Testing Laboratories (IATL) of Mount Laurel, New Jersey for analysis polarized light microscopy (PLM) with dispersion staining techniques per USEPA methodology 600/R-93/116. The percentage of asbestos, where applicable, will be determined by microscopic visual estimation. Each layer, if any as determined by the laboratory, will be analyzed individually; drywall system material samples (gypsum/tape/joint compound) will also be composite analyzed. When applicable for samples/layers determined by PLM to have a low asbestos-content (<10%), the additional point count (PC) method (400 points) will be utilized. IATL is accredited for PLM analysis under the National Voluntary Laboratory Accreditation Program (NVLAP), accreditation number 101165-0.

SAP & HASP

Asbestos Survey ■ 6010, 6018, & 6024 Montgomery Rd., Cincinnati, OH 45213
February 11, 2019 ■ Terracon Project No. N1197037

**APPENDIX A****QUALITY PROGRAM MANUAL OVERVIEW**



Terracon

Quality Program Manual

Our Commitment to Quality Starts Here

Environmental



Facilities



Geotechnical



Materials



Terracon

Quality Program Manual

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WELCOME TO TERRACON

Terracon provides environmental, facilities, geotechnical, and materials consulting engineering services delivered with responsiveness, resourcefulness, and reliability.

With offices across the nation, Terracon has the right teams of equipped, skilled, and trained personnel who are ready to perform outstanding work on your next project. We proudly service tens of thousands of projects every year.

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Rev 04.29.2018

LETTER FROM THE CEO

Terracon is committed to assigning qualified staff and providing quality services to our clients on every project. This is a key component of our mission to deliver success to employees, clients, and communities.

Our commitment to quality is demonstrated by our shared dedication, passion, and focus on our Quality Program. It extends to every member of our company, who work each day to provide professional services that:

- Provide accurate data, observations, tests, and measurements.
- Demonstrate alignment with professional practices, industry standards, and recognized guidance.
- Support transparency and open communication with our clients.
- Adhere to the business needs and contractual requirements of our clients.

To support our mission, Terracon has long maintained our Quality Program, with the most current iteration described in this Quality Program Manual. Driven by a continuous improvement philosophy that involves our employees, subcontractors, and vendors, we apply the program at both the company and project levels and regularly review and refine it over time.

Quality service is achieved through the combined effort of many dedicated people at all levels, carrying out their roles at the company level and directly on your project. Our services are performed by qualified staff, supervised by experienced managers, and supported by professionals with skills and knowledge unique to each service. The ability to conduct our tasks safely is also ingrained into every aspect of our quality process. Terracon will not provide services that we are not adequately experienced to perform safely or if we believe that we would be unable to provide an appropriate level of service.

By focusing on our areas of expertise, Terracon sustains the successful, quality results you expect for your projects.

David Gaboury



David Gaboury, P.E.
CEO
Terracon Consultants, Inc.



INTRODUCTION

Our Quality Program sets out the processes we use to systematically develop a work product that provides accurate, repeatable, and consistent information and opinions. We take great pride in maintaining and continuously improving a responsive Quality Program that actively delivers on our commitment to quality. The program, long-established, has been evaluated, regularly monitored, revised, and managed through company-wide leadership efforts that begin at the executive level. Implementation continues at the operational level through management leadership and through specific leadership positions that focus on the needs and challenges of the services that we perform.

The Quality Program is executed at the project level through the collaborative relationships of multiple team members, including those with direct project responsibility, project oversight, and additional senior subject matter experts. Through this process, data, calculations, opinions, recommendations, and

conclusions are checked and vetted before issuing to our clients. Projects are performed by qualified staff with quality oversight and review throughout the life of the project by company-approved experienced staff. When needed, experts with specialized knowledge are assigned to provide their expertise.

You might be asking, “What does this mean for me or my organization?” Our commitment to quality means that before every project starts, Terracon has already established specific operational approaches, procedures, and practices that enable us to deliver quality service directly to you at every stage of your journey to project completion.

To demonstrate our Quality Program in action, the following visual personas on the next page are used to detail our commitment to you through the voices of our committed managers, professional staff, and team members as they work together to deliver consistent quality.

OUR QUALITY PROGRAM: VISUAL OVERVIEW

EXECUTIVE AND SENIOR MANAGEMENT



Executive Committee



Quality and Project Delivery Leadership Team



Director of Quality and Project Delivery

SERVICE LINE AND OPERATIONAL MANAGEMENT

- Environmental
- Facilities
- Geotechnical
- Materials



Service Line Leaders



Operating Group and Division Managers



Office and Department Managers



APR Review Committee

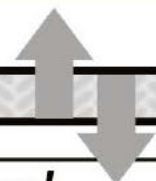


QUALITY PROGRAM...

...at the **COMPANY** level

QUALITY PROGRAM...

...at the **PROJECT** level



PROJECT MANAGEMENT, QUALITY CONTROL AND ASSURANCE



Authorized Project Reviewers



Project Managers



Project Executives (Type II Projects)



Subject Matter Experts



Data-Only Reviewers

PROJECT TASKS AND DAILY OPERATIONS



Professional Standards



Communication



Quality Control



Field and Lab Data



Administration

OUR QUALITY PROGRAM: AT THE COMPANY LEVEL

In addition to the leadership provided by our CEO, Terracon empowers a cross-functional matrix of company roles with specific responsibilities to lead aspects of our Quality Program. This collaborative structure includes both the operational chain of command as well as leadership in each service.

Our services are categorized into four service lines: environmental, facilities, geotechnical, and materials. This service line structure provides specific quality leadership and processes to address the unique challenges within each service line. Quality process oversight for each service line includes the selection, vetting, approval, and ongoing evaluation of qualified project reviewers within each operational division. We also regularly evaluate program components at the company and office levels through committees with additional quality responsibilities. Each committee is staffed by both executive-level managers and service line leaders. This arrangement balances operational perspectives with specific service line considerations.

Overall project quality within each service line is regularly evaluated through project reviews. The scope of these reviews includes representative samples of project work associated with each individual project reviewer, who is also assessed on their effectiveness as a reviewer.

Our Quality Program is also calibrated based on the results of client feedback assessments and our annual survey of project managers and authorized project reviewers.

Through individual and group effort, our Quality Program undergoes a recurring process of evaluation, improvement, and review. Acting as individuals and in collaborative teams, each role and committee helps us achieve quality and deliver superior service to our clients.

The following entities carry out our Quality Program at the company level:

EXECUTIVE COMMITTEE

The Executive Committee meets regularly to discuss issues and to set policies regarding our operations. This committee is composed of the CEO, our most senior operational executives, and other key senior managers. Top priorities include client service, project delivery, and the measurement and achievement of quality objectives.



"As a member of the Executive Committee and a senior leader representing our company, I am committed to the implementation, measurement, and continuous improvement of our quality objectives and a level of service and delivery that provides a fulfilling experience for our clients and lasting relationships."

QUALITY AND PROJECT DELIVERY LEADERSHIP TEAM

Terracon established this leadership team to oversee our Quality Program. The team consists of executive, operational, and service line leadership and meets regularly to examine current quality and project delivery practices and develop improvements and enhancements in our managing, executing, and delivering quality projects. The team provides oversight of the service lines on quality issues and is tasked with the design and implementation of operational quality improvements. The team also promotes project management as a core competency within the company and defines the Quality Program responsibilities of project managers.



"Quality is more than meeting a standard. Quality is about my commitment and that of our employee-owners and organization to deliver services and solutions that exceed the expectations of the client in terms of contractual compliance, technical accuracy, effective communication, and results delivered. As a QPDLT member, I have an opportunity to help shape and craft the culture of quality in Terracon through input from our employee-owners, clients, and external stakeholders."

DIRECTOR OF QUALITY AND PROJECT DELIVERY

The senior executive in this position is devoted solely to maintaining and improving the quality and delivery of our services. In concert with the Quality and Project Delivery Leadership Team, the director is charged with monitoring the quality of our services and is responsible for developing the quality program and the project quality review process. This pivotal role works with all other roles in the Quality Program to assess the quality of service delivered to our clients, to examine current operations, and to determine areas of improvement.



"As Director of Quality and Project Delivery, I am committed to overseeing the implementation of our quality processes in Terracon. I will utilize interactions, reviews, surveys, assessments and feedback to identify and address areas needing improvement. In the spirit of continuous improvement, I will implement the necessary changes to continue to grow and improve our Quality Program."

SERVICE LINE LEADERS

Senior technical professionals in service line leadership roles are appointed to lead development, promote innovation, drive growth, and oversee the policies, practices, and activities, including quality, of one of our four major service lines:

- Environmental
- Facilities
- Geotechnical
- Materials

Service line leadership includes service line directors and their assistant directors as well as operational representatives within each division.



"As a service line leader, I embrace the responsibility to render quality in all aspects of our exploration, testing and consulting work. In order to deliver the value that our clients deserve, we make quality a priority, and we institute a continuous improvement process that constantly evaluates and improves our systems, processes and procedures."

OPERATING GROUP AND DIVISION MANAGEMENT

Our operations are organized nationally into groups geographically (east, central, and west) by office location, and each operating group is subdivided into divisions. Responsible for promoting and enforcing the Quality Program at the operational



"As a Terracon division manager, I see quality as the value that drives our everyday actions that deliver responsible, resourceful and reliable results to our clients. I am committed to ensuring Terracon employees are well trained, equipped and motivated to produce quality work that leads to successful completion of our client's projects."

OFFICE AND DEPARTMENT MANAGEMENT

Offices are led overall by office managers and applicable service lines within an office are grouped as departments within the office and led by department managers who report to the office manager. Office and department managers implement and oversee the Quality Program within their office and department.



APR REVIEW COMMITTEE

Each service line has an APR Review Committee, made up of representatives from each division charged with service line quality leadership within their respective divisions. Members of this committee are responsible for mentoring a select subset of staff with unique talents and a history of demonstrated project and quality success who have the competence to take on project oversight and review responsibilities to become authorized project reviewers (APRs). Because APRs are charged with project quality oversight duties, their role is essential to our business.

The APR Review Committee prepares each APR candidate to take on their project oversight responsibilities. APR Review Committee members perform APR performance evaluations and assist division and office managers in APR training.

"As a member of the APR Review Committee, I am committed to focus on the training, development and oversight of new and existing APRs so that they fully understand the importance of their quality role at the project level. I coordinate with both service line and operations leadership so that both elements of our business are focused seamlessly at project level in how the APR executes their quality efforts."



OTHER CONTRACTUALLY REQUIRED QUALITY PROGRAM PROJECTS

In addition to our Type I and II projects (explained on the next page), we are sometimes asked to comply with other Quality Program requirements as set out in our project contracts, often based on project-specific needs or regulatory compliance factors. While the processes already contained in our program will generally meet those requirements, we are also able to adapt our approach to meet any additional project staffing or process needs.

One common example involves work performed at nuclear facilities. These projects often require compliance with the American Society of Mechanical Engineers (ASME) Quality Assurance Requirements for Nuclear Energy Facilities, commonly referred to as NQA-1. When an NQA-1 Quality Program is required by contract, the director of quality and project delivery assigns a project quality assurance manager for the project as required by NQA-1 to oversee the project and the APR. In addition, the project will be subject to specific levels of required quality assurance that include audits of project activities and testing laboratories scheduled on at least an annual basis. These additional requirements are performed on top of the already robust requirements of the Terracon Quality Program. NQA-1 is one example of our ability to seamlessly incorporate specific contractually-required project requirements into our Quality Program to meet the quality needs of our clients.

Terracon

WE WELCOME YOUR FEEDBACK

Although we strive for your complete satisfaction, we recognize a quality program is an ongoing pursuit and not a final destination. We value hearing from our clients directly. If you have a quality program question, improvement idea, or suggestion for us, please let us know by calling one of our offices or our Director of Quality and Project Delivery.

See back cover for details.



OUR QUALITY PROGRAM: AT THE PROJECT LEVEL

With tens of thousands of projects each year in all sizes, large and small, Terracon provides a wide variety of services to our clients. Our services range from observation, inspection, and data acquisition to complex design, testing, technical, and engineering efforts. A variety of processes, roles, and responsibilities is available to provide the level of service and quality required by each project.

We group projects into two types. Larger, more complex projects that require additional project and/or management activity, attention, or oversight are classified as Type II projects. All other projects are classified as Type I projects.

Projects are staffed by qualified project personnel performing the various required tasks. Each person has an individual responsibility to understand the essential goals of the project and the needs of the client. Through training, evaluation, and external certifications and licensing as appropriate, our staff demonstrate that they are qualified and adequately experienced to perform their tasks in a manner that is consistent with applicable standards, regulations, policies, and procedures. Individuals are also responsible for ongoing participation in appropriate technical training and continuing education to maintain their proficiency, certification, or licensing based on their role.

In addition to individual responsibilities, collaborative project review is a crucial component of our program. The level and extent of review depends on the deliverable or task. Field and laboratory data, calculations, and opinions, recommendations, and conclusions are reviewed by a second set of eyes for quality control. Laboratory processes are also subject to internal quality systems, codified in Terracon's Laboratory Quality Management System, to ensure accuracy of lab data.

To carry out these duties and achieve quality objectives, project managers and APRs work together, most importantly at project critical junctures. This collaboration brings the necessary project management and technical expertise to bear on each project. Depending on their size and complexity, some projects may be subject to additional oversight and expert review. Instead of relying solely on post-review discoveries in a reactive mode, the project manager and APR collaborate throughout the project to make proactive decisions together.

Program execution is confirmed through the signatures of both the project manager and APR on project deliverables.

The following section summarizes the assigned responsibilities of each major role in our Quality Program at the project level.

AUTHORIZED PROJECT REVIEWER

Without exception, every project is assigned an authorized project reviewer (APR) who collaborates with the project manager on quality and technical objectives for the duration of the project. The APR is engaged at the proposal stage and remains on the project through execution and closeout.

APRs review proposals, procedures, calculations, and final submittals to verify data quality, accuracy, analytical methods, results, opinions, recommendations, and conclusions. On data-only projects, they perform important quality assurance functions by confirming that data review quality control responsibilities have been met for all deliverables.

The APR plays a central role in our Quality Program, highlighted by the following four primary areas of project responsibility:

- **Quality Oversight:** The APR reviews the proposal and is involved at the kick-off meeting and at major milestones, stages, and critical juncture providing guidance and insight to support the project to its successful completion.
- **Coaching:** The APR coaches or advises the project manager on various aspects of the project with an emphasis on quality, risk, on-time delivery, budget, scope of work, and other client expectations.
- **Risk Management:** The APR guides the project team to properly assess risk so that the project appropriately takes risk into account.
- **Safety Awareness:** The APR raises awareness at the project level by raising awareness and by communicating with the team to focus their attention on their own personal safety and on the safety of their co-workers.

If the technical aspects of a project exceed their experience or knowledge, the APR supplements the project team through the addition of subject matter experts to bring the additional necessary expertise. The APR also plays a key role by identifying potential Type II projects to appropriate service line representatives and operational management.

Selected based on their experience, technical knowledge, project management experience, and analytical and evaluation skills, APR candidates undergo a rigorous training and review process before being approved as an APR. APRs are also required to participate in annual training and in a periodic review process.

Ongoing Quality Program evaluation is also a role of the APR. Terracon conducts an annual survey of project managers and APRs with focused questions designed to obtain their feedback about the Quality Program and its execution. The results are used to confirm successful strategies and to identify areas for improvement.

"As an authorized project reviewer for Terracon, I have a commitment to ensure that we achieve quality in our project deliverables meeting the needs and expectations of our clients and that the delivery of the project is in accordance with the project schedule and within budget. Typically, as the senior member of a team that delivers every project, I am also responsible for ensuring that our work is done in a safe manner and that risk is managed for the client as well as the company. Each project is an opportunity for me to coach and mentor staff in the technical and project management aspects of the work that we do to meet these overall objectives now and in the future."



PROJECT MANAGER

Each project is assigned to a capable project manager with the necessary skills to manage and effectively deliver the project to our clients. Project managers are accountable for the overall quality of their projects. As such, project managers are responsible for assigning qualified staff to perform the tasks associated with the project and for collaborating with APRs throughout the various phases of the project with particular emphasis at the project's critical junctures.



"As a Project Manager for Terracon, Quality is my focus during all stages of a project, from clearly understanding my client's objectives to confirming their comprehension of the deliverable. I view Quality as my obligation to my clients, and as an opportunity to become their trusted advisor."

While the project manager and APR are responsible for executing the project consistent with the Quality Program, we recognize the need for the following three (3) additional supporting project staff roles:

PROJECT EXECUTIVE

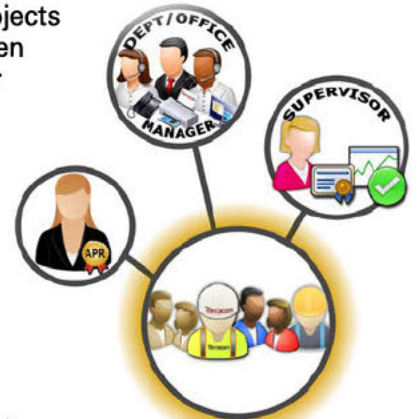
Assigned to Type II projects, the project executive maintains the responsibility of executive-level oversight and successful delivery and monitoring of those projects to ensure that they are managed, executed, and delivered appropriately, particularly as it relates to the execution of our Quality Program. On a Type II project with unique technical challenges, the project executive oversees the selection of SMEs by the APR and confirms that the technical contributions of SMEs are appropriate. This role also covers more refined project execution and delivery matters such as client relationships, risk management, budget and schedule targets, staffing decisions, and overall project success.



"My commitment to my responsibilities as a Project Executive is critical to the success of what is often a major high-risk project. The success of a project can be measured in many different ways. My experience and subsequent engagement provides the oversight necessary to support project quality expectations as well as to ensure that business needs, concerns, opportunities, and benefits are successfully met."

SUBJECT MATTER EXPERTS

A subject matter expert (SME) is a professional with specialized knowledge and experience within a specific industry or practice area. SMEs are assigned to projects by the APR when project tasks or work details are outside the expertise of the APR or when a SME is required by policy. SMEs guide the technical performance of those aspects of a project within their specified area of expertise.



"As a Terracon subject matter expert (SME) I provide specialized expertise to my project teams and customers. My role requires specialized training, certification, industry leadership, and experience. The role isn't easy, but I find that the value our customers receive and strength our project teams gain is well worth the effort."

DATA-ONLY REVIEWER

A data-only reviewer (DOR) is an approved reviewer of laboratory and field observations and data collected on projects that are within our Materials and Facilities service lines with deliverables that do not include opinions, recommendations, or conclusions. The DOR conducts an independent review of field and laboratory observations, data, and calculations related to data collection. The DOR also confirms that data collection, calculations, and reporting conforms with project specifications and standards as well as Terracon internal quality standards.



"I take my role as a Data-Only Reviewer seriously. It is my job to validate the integrity of the test data that my lab and field staff record. I am the first line of review to ensure that our project managers and engineers are given accurate data to provide valid assessments and recommendations."



- ENVIRONMENTAL
- FACILITIES
- GEOTECHNICAL
- MATERIALS

Quality Program Manual

*Our Commitment to
Quality Starts Here*

ABOUT TERRACON

Terracon is a 100 percent employee-owned engineering consulting firm that has provided quality engineering services to clients since 1965. We are a multidisciplinary firm specializing in environmental, facilities, geotechnical, and materials services for private and public sector clients.

The firm has consistently achieved growth above the industry average. This is evidenced by an ongoing presence among the top 50 in the Engineering News-Record annual listing of the Top 500 Design Firms. Today, Terracon has more than 4,500 employees and more than 140 offices with services available in all 50 states.

Terracon's growth and development can be attributed to an emphasis by employees to be responsive to clients, a commitment to providing quality services, the ability to astutely take advantage of new opportunities and technologies, and an uncompromising commitment to a culture of ensuring every employee goes home safe every day.

To learn more, call **(800) 593-7777**
or visit us online at **www.terracon.com**

We also invite you to discover
Terracon through our **newsletter** and
connect with us on **social media**:



To find a local office,
scan this code on your mobile device.

SAP & HASP

Asbestos Survey ■ 6010, 6018, & 6024 Montgomery Rd., Cincinnati, OH 45213
February 11, 2019 ■ Terracon Project No. N1197037

**APPENDIX A****HASP**

Health and Safety Plan
For
Asbestos Survey Project
Cincinnati, Ohio

**Greater Cincinnati
Redevelopment
Authority**

Reviewed and Approved by:

Michael V. Meister, CIH, CSP

Date: 02/08/2019

Edit(s): Reviewed and
Approved by:

Date:

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials

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ENR Rankings | 2018



Introduction

Terracon will create and sustain an Incident and Injury-Free (IIF) workplace, based on care and concern for people. It is an uncompromising commitment at all levels of the company to ensure everyone goes home safe to their family each and every day. At Terracon, safety is held as a core value as well as an operational priority. Working safely is an inseparable part of “doing things right”, just as much as other commitments such as quality, profitability, and schedule. Terracon will visibly demonstrate to employees that we value them for who they are and what they do, by dedicating the time, resources and equipment necessary to achieve IIF.

Safety expectations of Terracon personnel working in the field are as follows:

- All field work performed by Terracon is governed by our Service Line Safety Program.
- A Project Safety Plan (PSP – Appendix A) will be completed for every field project performed by Terracon employees. This Service Line Safety Program contains the resources to complete a PSP.
- Follow Terracon’s Core Safety Rules and Core Safety Practices (included herein).
- Follow all client safety rules, unless a rule conflicts with a Terracon Core Rule or Practice. If there is a conflict, discuss it with your supervisor so that it can be resolved with the client. When choosing between a client rule and a Terracon Core Rule or Practice, we should always strive for the most protective approach.
- Perform Pre-Task Planning, beginning with the proposal, and continuously throughout all field activities.

We all have the right to a safe workplace. Here is what you can expect from Terracon management:

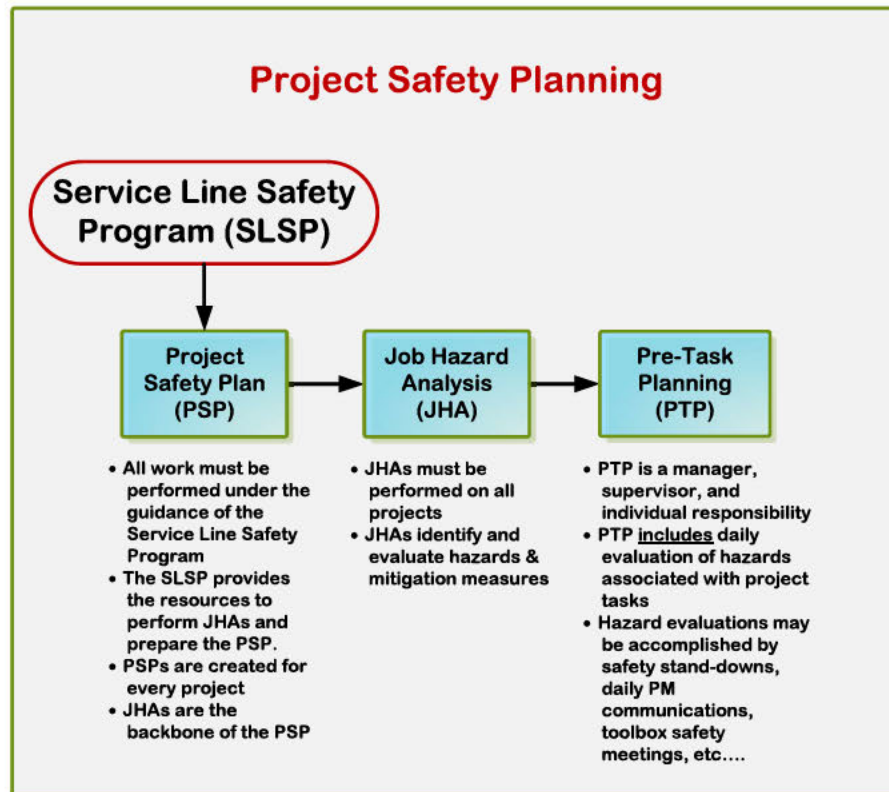
- We will provide you with the training and equipment you need to perform your job safely.
- We will never promote any activity that cannot be performed safely.
- If you stop a task for a safety reason, we will support you.
- If you bring up a safety concern, we will address it promptly. It will not be ignored.
- If there is an injury or near-miss incident, we will conduct a root cause incident investigation focused on learning and preventing future similar incidents.

Terracon will strive to comply with applicable provisions of federal, state, and local workplace safety and health regulations, including but not limited to the Occupational Safety and Health Act of 1970 and standards issued thereunder. This safety program is consistent with Terracon’s core safety rules and practices, but may vary somewhat among our service lines.

Purpose

This Service Line Safety Program is a compilation of resources for Project Managers to use to prepare Project Safety Plans (PSPs) and perform a Job Hazard Analysis (JHAs) for every project requiring field activities. Its purpose is to provide Terracon employees with a practical guide for

performing field operations safely. The following flowchart illustrates the components of effective safety planning and the importance of identifying and evaluating the hazards associated with each project. Thorough Job Hazard Analysis (JHAs) is the heart of effective safety planning.



Project Safety Responsibilities

Regardless of your role at Terracon, you have an individual responsibility for performing your work safely. Specific project safety responsibilities are outlined below:

- Service Line Director – Creates, implements, and updates the Service Line Safety Program (SLSP). The Service Line Director will review and incorporate any changes at least annually, and will sign the front cover page of the SLSP indicating that the review was completed.
- Operating Group Manager (OGM)(or Division Manager?) – Evaluates and communicates needed changes to the Service Line Director and ensures that Division and Office Managers perform effective project safety planning.
- Office Manager (OM) – Ensures that PMs have the requisite knowledge and skills to create Project Safety Plans (PSPs) for every project requiring field activities and that the elements of the SLSP are consistently followed.

- Project Manager (PM) – Understands the purpose of the SLSP and possesses measurable working knowledge of its contents and the ability to communicate it to field staff. This includes:
 - Predicting, identifying, and analyzing job hazards during the proposal stage;
 - Knowing what he/she doesn't know and seeking competent safety consultation from within Terracon's knowledge base;
 - Creating the Project Safety Plan (PSP) – See Appendix A
 - Conducting kickoff safety meetings wherein the PSP is reviewed by all field staff.
 - Providing day-to-day guidance on project safety issues;
 - Creating accountability among field staff for safe practices in the field; and
 - Communicating with field staff as they encounter changing conditions and unforeseen hazards.
- Field Staff
 - Take personal responsibility for their safety and the safety of co-workers.
 - “Stand Down, Look Around”: evaluate the hazards of the work you are getting into and control the hazards to the extent practical before starting the work. If it is not safe, do not do it, and do not allow your co-worker to do it either.
 - If you see something that is unsafe, speak up immediately, there and then, to your supervisor or fellow employee, no matter who is committing the unsafe act and no matter what it is.
 - Be observant to people who are inexperienced or anxious about their work and of those who are being complacent with safe work procedures. Speak up to both, out of care and concern, and help them see that doing their work safely is the right thing to do for both them and their families.
 - Be open-minded about your own safety practices. If someone speaks to you about potential unsafe behaviors or equipment, cooperate in the spirit of getting the job done safely and thank them.
 - If you are not sure of something or do not understand something, speak up and ask.
 - Report all injuries and near-misses to your supervisor so that others may learn.
 - Personnel who incur injuries not requiring immediate medical attention should call **WorkCare at 888-449-7787**.
- Authorized Project Reviewer (APR) – Provides PSP accountability for PM.

Safety Rules and Practices

Terracon's Core Rules are rules that are common to all Terracon employees, and we must comply with them at all times as part of planning and performing our work in an *IIF* manner. Core Rules are followed alongside Terracon and client policies, as well as local, state, and federal laws and regulations. Compliance with Rules can be determined objectively (e.g. wearing or not wearing safety glasses) and as such, rules are subject to specific, structured accountability.

Our Practices lay out basic safety rights and responsibilities that Terracon employees need to know and live by. These work practices are common to all employees, and we must comply with them unless we can describe how we planned to do the work more safely. At no time are we allowed to take a less-safe action than what is spelled out in a Practice.

Because Practices are more situational, and compliance, in cases, requires more subjective interpretation than Rules, we want supervisors to have the latitude to use their professional judgment related to accountability actions.

In the event that someone wants to question our decision to apply a different action to a job task as an alternative to a documented Practice, we must be prepared to discuss why our action demonstrated a higher standard of safety. Where we have missed something in our hazard assessment or misapplied training, we will receive safety coaching that corrects our understanding and helps us make safer decisions in the future.

Over time, a Practice may be elevated to a Rule if it is determined that it should be subject to specific, structured accountability.

Terracon's Core Rules and Practices are contained in Appendix D. Every Terracon employee should become familiar with these documents.

Project Safety Plan (PSP) Development

Project safety planning is “cradle-to-grave” endeavor, starting with the proposal and continuing through the final drive back to the office. During the proposal stage it is the PM's responsibility to predict project hazards and begin gathering information and planning the safety measures that will keep field staff out of harm's way. This process is called Job Hazard Analysis (JHA). Understanding the hazards is the heart of effective project safety planning.

At the time of project award, it is expected that a PSP will be developed for every project requiring field staff to perform services at a client site. Appendix A contains a PSP template that addresses some common project hazards. However, this template will have to be modified for every project to reflect actual site conditions and the hazards present.

For routine projects such as developed commercial ESAs or simple sample collection, it may be infeasible to visit the site to identify and evaluate the hazards. Based on the project scope of work and site conditions, PMs should have a relatively good idea of the typical hazards our staff will encounter, so initial JHAs can often be performed from the office relying on the JHA Library contained in Appendix G and other web-based resources like Google Earth. However, complex remediation or construction sites with multiple contractors, excavations, scaffolding, overhead hazards, and heavy equipment, or projects where site conditions are undefined or dynamic in nature must be visited by the PM (and staff, if feasible) so that a comprehensive JHA can be performed, i.e., so that all the hazards can be accounted for. This early project planning will be the “nuts and bolts” of the PSP and be the subject matter of the various project safety training

sessions that will occur prior to and during the field work phases of the project. These activities are called Pre-Task Planning.

Pre-Task Planning doesn't end when the project begins. Field staff and PMs must work hand-in-hand to continuously identify changing conditions and new hazards. Field staff become the eyes and ears of the PM and report new hazards so that the PSP can be revised to reflect needed mitigation measures such as steering clear of hazards or wearing additional personal protective equipment. These additional hazards, along with previously identified hazards, become the subject of daily safety discussions and mitigation measures.

Job Hazard Analysis (JHA)

Terracon's Practice Guideline for performing a Job Hazard Analysis (JHA) is attached in Appendix B of this Service Line Safety Program. Common environmental project hazards and the mitigation measures that must be taken to address them are contained in the JHA Library. It is the responsibility of the PM to evaluate the project site and complete a JHA for every project. As stated previously, the JHA is the backbone of the PSP and will be reviewed with all field staff for the duration of the project.

Frequent hazards associated with environmental projects include:

- Excavations and heavy equipment
- Overhead hazards
- Drilling equipment
- Contaminated soils and water
- Toxic vapors and chemicals
- Confined spaces
- Working on roofs and mechanical lifts
- Cuts and abrasions
- Using ladders
- Carrying equipment or walking on uneven or slippery surfaces
- Driving to and from project sites
- Heat/Cold Stress
- Working at heights

While many of these hazards are common to our projects and we have developed safety measures to effectively reduce the risk of injury, these same hazards continue to plague our safety performance and impact the lives of our co-workers. The routine nature of these hazards often leads to complacency, which increases the likelihood of incidents and injuries. This safety program and its emphasis on continuous hazard analysis will help eliminate complacency and elevate safety to the forefront of our awareness.

Chemical Hazard Communication

Chemical hazards may present if contamination is encountered during intrusive activities (e.g., soil boring/monitoring wells installation, soil and groundwater sampling, and site remediation). In addition, chemical products may be used by other contractors present on site. The characteristics and potential health hazards of chemicals to which Terracon personnel may be exposed should be identified by individual employers on the site. These hazards must be identified and evaluated during the JHA. (See the Terracon Hazard Communication Policy in the Terracon Safety and Health Manual for additional details).

Client Site Safety Requirements

Many of our client projects sites require safety measures that may conflict with Terracon's Core Rules and Practices. Terracon personnel should comply with all client safety rules, unless a rule conflicts with a Terracon Core Rule or Practice. If there is a conflict, discuss it with your supervisor so that it can be resolved with the client. When choosing between a client rule and a Terracon Core Rule or Practice, we should always strive for the most protective approach.

On Site Pre-Task Planning

Pre-Task Planning is the most proactive skill we can learn to create and sustain an *IIF* workplace and make sure all of our employees go home safely every day. It is required when preparing proposals and starting projects, as well as when we assign work and execute the tasks throughout the day. Employees at all levels have responsibilities for ensuring Pre-Task Planning is done effectively. Examples of Pre-Task Planning include:

- Project Kickoff Safety Training – this training is typically facilitated by the PM and focuses on the project-specific hazards covered in PSP. All field staff are expected to participate. The PM must emphasize that the PSP is a snapshot of the project safety environment, which has the potential to change. The PM must encourage active engagement by the field staff to identify new hazards. These meeting should be documented on the PSP.
- Tool Box Safety Meetings – these meeting occur in the field or office when needed to discuss newly identified hazards or changing site conditions that have the potential to create hazards. They are informal and may be facilitated by field staff. These meeting should be documented on the PSP.
- Stand Down, Look Around – Because site conditions change due to weather and project evolution, there may be unforeseen hazards on a job site that weren't present during the initial JHA or the prior day's activities. These include heavy equipment, trenches, mud and slippery surfaces, uneven and unstable walking surfaces, to name a few. These unanticipated hazards must be addressed immediately by all field staff upon entering a site.

Stand Down, Look Around is the process of taking an initial moment when entering the job site to assess the working environment for new hazards or hazards you might have become complacent towards. It's an opportunity to refresh your awareness and contemplate the safety of you and your co-workers. It only takes a minute, but it is a valuable minute that will elevate safety to the forefront of your consciousness and keep it there while performing your work. Newly identified hazards must be communicated to the PM and other field staff, and included in the PSP so that newly arriving field staff can be informed.

Training

Terracon personnel and Terracon sub-contractor personnel performing services in the field must have demonstrated proficiency and/or completed appropriate certification requirements to conduct their assigned duties. Terracon Environmental Services employees participate in in-house and on-the-job training and are also encouraged and supported to attend outside seminars and training programs, and where applicable, achieve technical certification in areas related to our various services.

Terracon field staff and supervisory personnel are required to familiarize themselves with the applicable sections of the Terracon Safety and Health Manual during orientation. In addition, periodic safety training programs covering such topics as confined space entry, electrical safety, trenching and excavation safety, fall protection, asbestos awareness, and personal protective equipment are conducted.

OSHA HAZWOPER

All Terracon personnel conducting intrusive investigations or remediation at site with anticipated contamination must have completed 40-hour Hazardous Waste Operations Training and at least three days of supervised field activity per the requirements of OSHA 29 CFR 1910.120. In addition, a current 8-hour annual refresher training certificate will be required for all personnel. Training certificates for all project personnel will be maintained by the Corporate Safety and Health Manager and will be made available for field staff when a client project requires proof of training.

Terracon personnel participating in intrusive investigations or remediation shall be enrolled in a health monitoring program in accordance with the provisions of OSHA 29 CFR 1910.120 and 1910.134. Each project participant shall be certified by a Doctor of Medicine as fit for respirator and semi-permeable/impermeable protective equipment use. All personnel shall have received an environmental physical examination within one year prior to the start of project activities.

Prior to the start of site activities, the SSO will conduct a pre-project safety and health briefing for all project participants. The personnel responsible for project safety and health will be addressed, as will site history, scope of work, site control measures, emergency procedures and site communications. The briefing will address site contaminants, air monitoring protocols, action

levels for upgrade/downgrade of personal protective equipment and level of personal protective equipment to be employed for each project task.

Project-Specific Training

The Project Kickoff Safety Training is the initial project-specific training performed with project field staff. It is typically facilitated by the PM and focuses on the project-specific hazards covered in PSP. All field staff are expected to participate. The PM must emphasize that the PSP is a snapshot of the project safety environment, which has the potential to change. The PM must encourage active engagement by the field staff to identify new hazards. The PM may use videos, safety literature, or in some cases, information downloaded from YouTube or other internet sources to illustrate hazards and the proper mitigation measures. These meeting should be documented on the PSP.

Site Control

An Exclusion Zone, Contaminant Reduction Zone, and a Support Zone will be established whenever project activities require Level C personal protective equipment. If Terracon hires a subcontractor to dig an excavation (trench, hole, or boring), it is Terracon's responsibility to control the hazard. Terracon must create access and egress points and ensure that personnel only enter through those points.

As permitted by site topography, the area within a 50-foot radius of a drill rig and 100-foot radius of UST removal excavation shall be considered the Exclusion Zone. Only those personnel designated by the PM are allowed to enter the Exclusion Zone. Where practical, or where their use will prevent public injury, temporary signs or barricade fencing will be established to define the Exclusion Zone. Absolutely no smoking will be permitted within the exclusion or contaminant reduction zones on any petroleum contaminated site.

If unauthorized personnel attempt to enter the exclusion zone, the PM or field staff will verbally inform the individual(s) to leave the project site. If unauthorized individuals refuse to leave the Exclusion Zone or are considered in danger or pose danger to project personnel, the SSO will cease project activities (i.e., shut down drill rigs, excavation equipment, etc.) and notify the client representative or the local police of the situation. Site activities will not resume until unauthorized personnel have left the project site.

Tools & Equipment

- Use the right tool & know how to operate)
- Inspect & maintain the tool properly (tag if not working)
- Training needs
- Check & understand safety devices for the tool

Personal Protective Equipment

Level D

Terracon personnel involved in field activities are provided with Level D Personal Protective Equipment (PPE), which includes the following:

- Safety glasses (ANSI Z87.1)
- Hard hat
- Hearing protection
- High-visibility traffic vest
- Work boots
- Cut-resistant gloves

Level D (modified)

If petroleum saturated soils and potential splashing conditions develop during the course of the project, personnel will upgrade to Level D Modified personal protective equipment. Level D Modified personal protective equipment ensemble consists of the above, plus:

- Poly-laminated Tyvek Coveralls
- Tape Sleeves/Legs to Gloves and Boots

Level C

If air monitoring exceeds the Action Level specified for upgrade to Level C personal protective equipment, personnel will don:

- Full or Half Face Air Purifying Respirator
- Equipped with Combination Organic Vapor/Acid Gas/HEPA Cartridges (consult with an IH APR for guidance on proper filter/cartridge selection)

Level B

If site conditions warrant Level B PPE the PM should consult an IH APR for guidance before performing any field work at the site.

Explanation of PPE Levels	
Level	Description
D	Work uniform, steel-toe safety boots, long pants, hard hat, safety glasses with side shields or goggles, gloves (selected based on potential presence and type of contaminants).
Mod D	Level D plus some chemical and splash protection like coveralls or rain suit, chemical-resistant boot covers and gloves.

Explanation of PPE Levels	
C	Level D plus air purifying respirator, chemical-resistant clothing (disposable or not), 2 layers of chemical-resistant gloves, chemical-resistant boot covers.
B*	Self-contained breathing apparatus (SCBA) respirator, hooded chemical-resistant clothing – either 1 or 2 piece suits or coveralls, 2-layer chemical-resistant gloves, chemical-resistant outer boots, gloves and boots are taped to coveralls.
A*	Totally encapsulating Level A vapor- and liquid-sealed suit. SCBA, inner and outer chemical-resistant gloves, chemical-resistant steel toe and shank boots.
*For reference only. If Level A or B PPE are necessary, detailed procedures must be prepared or reviewed/approved by a Certified Industrial Hygienist (CIH) or equivalent qualified staff.	

Respiratory Protection

The purpose of the Terracon respiratory protection program is to prevent personnel exposure to airborne contaminants in excess of established permissible exposure limits/threshold limit values. All respirators employed by Terracon personnel will be NIOSH approved. Cartridges and filters for air purifying respirators will be appropriate for the contaminant(s) of concern. Respiratory protection selection will be made in consultation with an IH APR.

Project personnel required to wear respiratory protection will be medically cleared for respirator use, trained and successfully fit tested in accordance with OSHA 29 CFR 1910.134. Personnel required to wear supplied air respirators will demonstrate competence in donning/doffing and inspecting the equipment prior to job assignment. All project tasks requiring the use of supplied air respirators will require properly equipped backup personnel ("buddy system").

At a minimum, air purifying respirator cartridges will be changed daily prior to use. More frequent change of respirator cartridges will be based on the results of site air monitoring. Under no circumstances will air purifying respirators be used in areas deficient in oxygen (<19.5%), in areas classified as immediately dangerous to life and health (IDLH) or in areas where contaminants have not been characterized.

Respirators will be inspected and required fit checks will be performed prior to use, and any necessary repairs will be made before proceeding to the project site. Respirators will be sanitized daily after use.

Communication Guidelines

- Non-verbal communication (review USACE guidelines) - <http://www.usace.army.mil/Portals/2/docs/Safety/EM%20385%20slides16-34.pdf>
- Importance of safety communication – identify & discuss hazards
 - Asbestos inspections
- Areas with poor cell coverage

Communication between personnel within the Exclusion Zone will be via verbal communication or hand signals. Visual contact between members of task teams should be possible throughout the course of project activities. Contact with the PM or designated Site Safety Officer will be through direct verbal communication. The following hand signals will be used by personnel wherever respiratory protection and/or equipment noise limit verbal communication.

<u>Signal</u>	<u>Meaning</u>
Thumbs Up	OK, all is well
Grab throat with both hands	I cannot breathe
Shake head side to side, thumbs down	NO, negative
Point right (when facing equipment operator)	Move/steer left
Point left (when facing equipment operator)	Move/steer right
Grab partner's wrist	Leave area immediately

Emergency Procedures

- Procedures to follow when something goes wrong
- The different levels of Emergency Procedures (toxic release, weather event, natural disaster, etc.)
- Emergency Contacts are identified in the PSP along with directions to the nearest hospital with emergency room or urgent-care clinic.

Personal Injury

Personnel who incur injuries not requiring immediate medical attention are instructed to call **WorkCare at 888-449-7787**. The affected PM or Office Manager will complete an Accident/Injury Investigation form within 48 hours of the incident, and forward it to their home office or enter it directly into Terracon's Automated Claims Management System. Details will be shared with the client and/or contractor as may be required by contractual agreement. A root cause analysis will be prepared by the Office Manager. All reports must include written recommendations of actions the office will take to prevent a recurrence of the incident.

Incident Investigation

It is the responsibility of the PM to report all unsafe acts and incidents (equipment or facility damages as well as injury accidents) to the Corporate Safety and Health Manager and, if requested, to the client representative. A Terracon Accident/Injury Investigation form will be completed and forwarded to the Corporate Safety and Health Manager within 48 hours of all Terracon injury or non-injury incidents occurring on the project site. All reports must include written recommendations of actions necessary to prevent a recurrence of the incident.

Any Terracon employee or Terracon sub-contractor employee who performs in an unsafe manner will be reprimanded by the PM. Repeat occurrences of unsafe acts will be subject to disciplinary action up to and including termination. Appendix H contains Terracon's root cause analysis guideline.

Procedure for Level C Sites

Where air monitoring indicates the absence of toxic gases or vapors, the ambulance will be directed to the affected employee. If site conditions warrant and as time permits, the wheels of the ambulance will be decontaminated with high pressure wash. The SSO or designee will accompany the ambulance to the medical facility, and provide guidance concerning additional decontamination which may be required for the injured employee, ambulance or attendants.

Whenever an injury occurs on sites with contamination requiring personal protective equipment greater than Level D modified, a minimum of two employees will don appropriate equipment and proceed to the victim. An ambulance will be called immediately. If the extent of injuries permit, the injured employee will be removed to fresh air. Appropriate first aid will be administered.

If rescuer(s) assess that the victim cannot be removed without a stretcher or other specialized equipment, the victim will be removed at the earliest possible moment by appropriately attired Terracon personnel with the direction and/or assistance of qualified medical response personnel. The injured employee will be immediately decontaminated and transported to the nearest medical facility. A crew member designated by the SSO will inform the ambulance crew of contaminants of concern and provide assistance with additional decontamination if required.

Appendix A – Project Safety Plan

PROJECT SAFETY PLAN

Service Line	<input checked="" type="checkbox"/> Environmental	<input type="checkbox"/> Geotech	<input type="checkbox"/> Materials	<input type="checkbox"/> Site Characterization	<input type="checkbox"/> Facilities
Project #	N1197037				
Today's Date	February 8, 2019				
Client	Greater Cincinnati Redevelopment Authority				
Project Name	Asbestos Survey				
Project Location	6010, 6018 and 6024 Montgomery Rd., Cincinnati, Ohio				
Project Manager	Joshua Vogel				
APR	Joe Tussey				
Field Staff	Joshua Vogel and Lem Weyer				
Project Duration (estimate)	Start 02/18/19		End 03/15/19		
Project Scope of Work & Site Description					
Short Project Description	Asbestos Survey of three buildings located at the addresses listed above.				
Scope of Work	Provide an asbestos survey for the 3 properties listed above. Work scope specifics are further outlined in Terracon proposal #PN1197037 dated 02/06/2019				
Site Description	Three properties that were used as <ol style="list-style-type: none"> 1. Former convenience store 2. Former office & beauty salon with residences above maintenance in the basement 3. Former detail shop 				
Site Visit Completed	To be scheduled with client				
Tools & Equipment	Small hand tools, flashlights, ladders				
PPE Requirements	Hard hat, Safety glasses, Steel toe boots, Gloves, ½ face APR				

Some common project hazards are listed below. Review these to see which apply to the project. Delete those that do not apply and add JHAs for project-specific physical and chemical hazards. Appendix G contains a library of common Environmental JHAs.

Job Hazard Analysis (JHA)				
Project Physical & Chemical Hazards		Hazard Mitigation Measures (include applicable Level of Protection)		
JHA Participants	PM:	Joshua Vogel	Field Staff: Joshua Vogel, Lem Weyer,	Sub-Contractors: none anticipated
	APR:	Joe Tussey		
	Safety	Michael Meister, CSP, CIH and Brad Knipper CIH		
Driving	<ul style="list-style-type: none">Inspect vehicle before driving (tire pressure, oil levels, brakes, signals, lights)Properly secure load in bed of truck using cargo net and/or ratchet-strapsFor large loads, stop periodically at a safe location to assess load shift and re-adjust cargo net or straps as necessaryKnow route to your destination before you leaveDrive speed limit (slower, if weather conditions dictate)No texting while drivingUse hands-free device to talk on phone if phone conversation is necessaryBack in or drive through parkingUse of high visibility cones at job site			
Security at Urban Sites (e.g., abandoned building in bad neighborhood)	<ul style="list-style-type: none">Work in teams when possible, let client contact know location statusUse handheld 2-way radio and cell phonePark in well-lit, public areas, with valuables out of sightDo an initial walk-through of the facility to ensure there are no vagrantsLock doors/windows from the inside while performing the survey			
Security at Remote/Outdoor Sites (e.g., large wooded tract)	<ul style="list-style-type: none">Work in teams when possible, let client contact know location statusUse handheld 2-way radio and cell phoneGPS or smartphone with GPS should be utilized for navigationIf site is remote and there is poor cell-phone access, the project team should establish a process and frequency to check-in with project managerSnake chaps should be worn if site habitat includes woods, tall grasses, or shrubs			
Heat/Cold Stress	<ul style="list-style-type: none">Wear appropriately-protective clothing for the conditionsBring fluids and hydrate frequently/take breaks			
Head Injury	<ul style="list-style-type: none">Wear a hard hat <u>when overhead hazards are present</u>, such as beams or mechanical system supports in tunnels, or when working near drilling rigs or excavation equipment			
Slips, Trips, and Falls	<ul style="list-style-type: none">Clear work area of obstructions and debris before setting up; alter work areas as necessary to provide a safe, reasonably level area			

Job Hazard Analysis (JHA)

Project Physical & Chemical Hazards	Hazard Mitigation Measures (include applicable Level of Protection)
	<ul style="list-style-type: none"> Continuously inspect walking and working surfaces and maintain to be free of slip, trip, and fall hazards Keep platforms, stairs, and immediate work areas clear Do not allow oil, grease, or excessive mud to accumulate in work areas Eliminate slip, trip, and fall hazards or identify them clearly with caution tape, barricades, or equivalent means Store loose or light material and debris in designated areas or containers Secure tools, materials, and equipment subject to displacement or falling
Ladders/Elevated Work Surfaces	<ul style="list-style-type: none"> Perform ladder inspection before using the ladder (e.g., damage to ladder, bent rungs or supports, abraded supports or structure, missing components) Use 3-point of contact method for climbing – do not use hands to carry tools/equipment while climbing – use backpack Do not walk closer than 6 feet to roof edge and do not walk on sloped roofs without an approved fall-protection system Fall protection harness and lanyards required for use on scaffolds.
Cuts, Lacerations, Hand Injuries	<ul style="list-style-type: none"> Use proper cutting techniques, including proper tools and cut-resistant gloves Evaluate pinch-points when using equipment and tools that can lead to cuts, crushes, or abrasions A first aid kit will be present on-site.
Foot Injuries	<ul style="list-style-type: none"> Wear Terracon-approved safety footwear
Back Injuries / Ergonomic Stress	<ul style="list-style-type: none"> Use proper lifting techniques – lift with the legs, not the back; and keep loads close to the body and avoid twisting Do not persist with lifting when the load is too heavy; use a mechanical lifting aid or have a co-worker assist with the lift Use mechanical devices such as dollies, carts, and wagons to lift and transport heavy loads whenever possible Rotate repetitive tasks to avoid soft-tissue fatigue
Noise	<ul style="list-style-type: none"> Wear hearing protection when working near heavy equipment, pneumatic power tools, steam cleaners, and/or other equipment in operation that can generate more than 85 decibels (A-weighted scale) (dBA) or when normal speech becomes difficult to hear 10 feet away from the person speaking.
Insects/Rodents/Wildlife	<ul style="list-style-type: none"> Inspect survey areas for rodents, spiders, wasps, bees, or hornets, and make safe by clearing away before accessing Wear snake-bite preventive chaps/boots when performing work in areas where snakes may be present

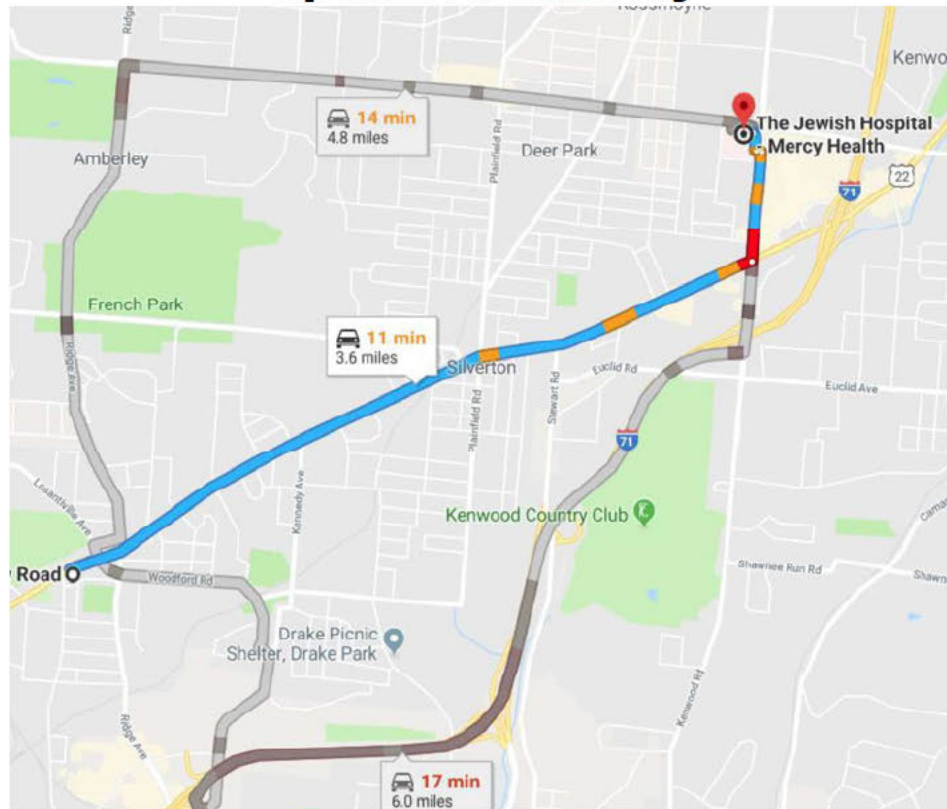
Falling Tools and Objects	<ul style="list-style-type: none"> • Hard hat and hand tools will be tethered to the worker • Heavy mil plastic will be spread across floor grating to minimize the chance of objects falling to lower levels.
Mold and Bird Droppings	<ul style="list-style-type: none"> • Wear gloves • Wear respirator • Wash often after contact with dust. • Wear coveralls if necessary.
Dark and No Electricity	<ul style="list-style-type: none"> • Bring flashlights, head lamps, battery lamps. • Bring any battery-operated tools needed

Emergency Contacts		
Terracon Non-Emergency: Call WorkCare (888) 449-7787		
Contact	Name & Address	Phone #
Ambulance / Fire	911 Emergency / Non-Emergency (other than WorkCare): Jewish Hospital – Mercy Health 4777 E. Galbraith Rd. Cincinnati, OH 45236	
Police	911 Emergency	
Terracon – Cincinnati Project Manager	Joe Tussey joe.tussey@terracon.com	Office: (513) 612-9085 Non-responsive
	Joshua Vogel joshua.vogel@terracon.com	Office: (513) 612-9002 Non-responsive
Terracon – Cincinnati Onsite Project Staff	Joshua Vogel joshua.vogel@terracon.com	Office: (513) 612-9002 Non-responsive
	Lem Weyer Lem.weyer@terracon.com	Non-responsive
Terracon Safety & Health Manager	Mike Meister, CIH, CSP mike.meister@terracon.com	Office: (513) 612-9058 Non-responsive
	Brad Knipper, CIH Brad.knipper@terracon.com	Office: (513) 472-7027 Non-responsive
Terracon – Cincinnati Env. Department Manager	Ihor Melnyk Ihor.melnyk@terracon.com	Office: (513) 612-9003 Non-responsive
Terracon – Cincinnati Office Manager	Jason Sander Jason.sander@terracon.com	Office: (513) 612-9070 Non-responsive

Directions and Map to Hospital w/ ER or Urgent-Care Clinic

Drive Time to Nearest Hospital/Clinic: ~ 11 minutes

Jewish Hospital – Mercy Health
4777 E. Galbraith Rd. Cincinnati, OH 45236
Open 24 hours/day



Located 3.6 miles from job site.

Site-Specific Safety Hazard Discussions (this covers JHA and new hazards)		
Activity	Date	Participants
Kickoff discussion		
PPE needs		
Review job hazards		
Tool Box Meeting		
Changed conditions		
Additional Hazards		

Signatures		
Safety-Related Activities	Participant(s)	Signature(s)
PM (Person who prepared SP)		
Kickoff Meeting		
Daily PTP activity		

Explanation of PPE Levels	
Level	Description
D	Work uniform, steel-toe safety boots, long pants, hard hat, safety glasses with side shields or goggles, gloves (selected based on potential presence and type of contaminants).
Mod D	Level D plus some chemical and splash protection like coveralls or rain suit, chemical-resistant boot covers and gloves.
C	Level D plus air purifying respirator, chemical-resistant clothing (disposable or not), 2 layers of chemical-resistant gloves, chemical-resistant boot covers.
B*	Self-contained breathing apparatus (SCBA) respirator, hooded chemical-resistant clothing – either 1 or 2 piece suits or coveralls, 2-layer chemical-resistant gloves, chemical-resistant outer boots, gloves and boots are taped to coveralls.
A*	Totally encapsulating Level A vapor- and liquid-sealed suit. SCBA, inner and outer chemical-resistant gloves, chemical-resistant steel toe and shank boots.
*For reference only. If Level A or B PPE are necessary, detailed procedures must be prepared or reviewed/approved by a Certified Industrial Hygienist (CIH) or equivalent qualified staff.	

Appendix C – Core Safety Rules and Practices

Core Safety Rules and Practices

(Revised March 31, 2016)

Introduction

Welcome to Terracon's Core Safety Rules and Practices ("Rules and Practices") (Also referred to as "Our Rules to Live By"). The Rules and Practices on the following pages have been developed from the knowledge and contributions of a working group of your Terracon colleagues. This safe-work tool is intended to establish minimum safety practices at Terracon.

IIF is based on a foundation of care and concern, and these Rules and Practices have been established to support this foundation. Follow the Rules and Practices with the understanding that the entire Terracon family is committed to *you going home safe every day*. It is important that we all look out for one another as a growing network of Terracon safety advocates and hold each other accountable to working safely.

Thinking and acting together in a consistent manner, we will best protect ourselves and one another against the hazards in our workplace. We believe these Rules and Practices are essential to safe work for all Terracon employees. They will apply to each of us equally at all levels of the company, across all locations.

The Safety Accountability Policy that corresponds with these Rules and Practices describes what safety coaching and accountability steps will apply to any employee who violates them.

Organizing the Information

This document is organized as follows:

Rules: These are rules that are common to all Terracon employees, and we must comply with them at all times as part of planning and performing our work in an *IIF* manner. Core Rules are followed alongside Terracon and client policies, as well as local, state, and federal laws and regulations.

The Rules are organized into five sections:

- Personal Protective Equipment (PPE)
- Equipment and Tools
- Working At Heights and Depths
- Motorized Vehicles
- Reporting

Compliance with Rules can be determined objectively (e.g. wearing or not wearing safety glasses) and as such, rules are subject to specific, structured accountability. (See Safety Accountability Policy)

Practices: Practices lay out basic safety rights and responsibilities that Terracon employees need to know and live by. These work practices are common to all employees, and we must comply with them unless we can describe how we planned to do the work more safely. At no time are we allowed to take a less-safe action than what is spelled out in a Practice.

Because Practices are more situational, and compliance, in cases, requires more subjective interpretation than Rules, we want supervisors to have the latitude to use their professional judgment related to accountability actions (See Safety Accountability Policy).

In the event that someone wants to question our decision to apply a different action to a job task as an alternative to a documented Practice, we must be prepared to discuss why our action demonstrated a higher standard of safety. Where we have missed something in our hazard assessment or misapplied training, we will receive safety coaching that corrects our understanding and helps us make safer decisions in the future, according to the process described in the “Safety Accountability Policy.”

Over time, a Practice may be elevated to a Rule if it is determined that it should be subject to specific, structured accountability.

Core Safety Rules

Personal Protective Equipment (PPE)

R 1. Wear and maintain Terracon-approved PPE as required by project, task, and/or work environment. This includes use of the core “PPE Kit” at project sites and in laboratories. Your core PPE Kit includes:

- Safety glasses with lateral protection
- Safety Footwear
- Gloves properly selected per the Hand-Protection Chart (see below)
- Hard hat when:
 - On active construction sites
 - Around a drill rig
 - Overhead hazards are present
- On project sites, high-visibility apparel (minimum Class II)
- Hearing protection in high-noise areas

Exception: PPE-Free Zones

R 2. Inspect approved PPE for defects before and during use. If defective, repair or discard and replace with defect-free PPE.

Equipment and Tools

R 3. Inspect Terracon-approved tools, equipment, and safety devices for defects before and during use. If defective, repair, or tag with “do not use” and report to supervisor to remove from service.

R 4. Use tools, equipment, and safety devices according to manufacturer’s instructions only. Never modify or override safety devices.

R 5. Never enter the swing radius of equipment until the operator has acknowledged you and brought movement to a full stop.

Working at Heights and Depths

R 6. Working at Heights

- Only if trained in Terracon Fall Protection and Scaffold Safety requirements
- Use fall protection when working on lifts or scaffolding at a height of 6 feet or more.

R 7. Use Terracon-approved straight ladders and stepladders.

- Only if trained in Terracon Ladder Safety requirements, and

- After confirming which type has been approved for use according to project specific requirements.

R 8. Enter an excavation deeper than 4 feet only if trained in Terracon excavation safety requirements.

Motorized Vehicles

- R 9. Secure loads, equipment, and tools with Terracon-approved methods.
- R 10. Wear seat belt while operating or riding in any motorized vehicle. Drivers must ensure passengers fasten seatbelt before driver operates motorized vehicle.
- R 11. Do not use cell phone while driving on company business. Use of navigation feature is permitted so long as location information is entered while the vehicle is safely stopped and not adjusted by the driver while driving.
- R 12. On project sites, use Terracon-approved cone when parked

Reporting an Injury

- R 13. Call WorkCare at (888) 449-7787 immediately in the event of an injury or as soon as injury becomes apparent; report an injury to your supervisor as soon as possible after contacting WorCare.

Core Safety Practices

Employees have the right and responsibility to:

- P 1. Take the time you need to do the job safely.
- P 2. Prior to performing physical activity, take the time to Warm-Up for Work
- P 3. Step back for safety. Stop your work if you feel it is unsafe to continue or if someone questions the safety of your behavior. Inform supervisor of the situation and work together to identify and mitigate any hazard.
- P 4. Where safety training and certification is required to perform a job task, only do that task you have been trained and certified to do.
- P 5. Redirect a co-worker performing an unsafe act to safe work practices immediately.
- P 6. While in a work area, protect against controllable hazards and unsafe conditions. Report hazards outside of your control immediately to a supervisor or appropriate person.
- P 7. Monitor and keep clear of equipment moving in a work area in any direction at all times.
- P 8. Plan lifting around size and weight of object, as well as body position required to make the lift or move. Use proper techniques and ask for support with a lift that is awkward or heavy.

- P 9. While conducting company business or on company property, park company or personal vehicle to prevent the need for backing to exit the space or work area. On project sites, use Terracon-approved cone when parked.



Hand-Protection Chart

(Revised July 2014)

The Hand Protection Chart works in conjunction with Core Safety Rules and Practices (“Rules and Practices”) (Also referred to as “Our Rules to Live By”). Use the chart to develop project Health and Safety Plans as well as in daily pre-task planning to reduce the potential for injuries to fingers, hands, and/or wrists.

The chart should be used as a minimum for determining the proper hand protection to wear for the hazards listed. If a project Health and Safety Plan or client requirements dictate other glove types or exceptions, such requirements supersede the guidelines presented below.

Hand-Protection Chart						
Notes: <ul style="list-style-type: none"> When more than one glove is appropriate for mitigating a hazard, determine selection based on the project Health and Safety Plan, job hazard analysis and pre-task planning. 						
Hazards	Leather Palm	Cut Resistant	Nitrile	Neoprene	Fabric	Kevlar
Abrasion, cut, scrape, or laceration	X	X				
Acids, caustics (concrete), chemicals, environmental sampling, lead-paint			X	X		
Burns from high-heat or chemical compounds	X					X
Electrical hazard <i>Refer to NFPA 70-E</i>	X [Low-voltage]			X	X [Insulated]	
Grease, oil, lubricant		X	X			
Handling wire, cables, natural or synthetic ropes	X					
Loss of grip when lifting, carrying or climbing	X	X		X		
Pinch, crush, strike	X	X				
Sampling: soil ¹ , soil vapor, groundwater, sediment, surface water		X	X	X	X	

¹ For logging soils, gloves may temporarily be removed to determine soil texture; however, before doing so, logger must assess soil to be free of contamination or harmful debris.

Appendix D – Environmental JHA Inventory

Working at Heights

Definitions:

- **Snaphook** - A connector comprised of a hook-shaped member with a normally closed keeper, or similar arrangement, which may be opened to permit the hook to receive an object and, when released, automatically closes to retain the object. The locking type with a self-closing keeper, which remains closed and locked until unlocked and pressed open for connection, is the only authorized snaphook. Non-locking snaphooks are expressly forbidden for fall prevention/protection purposes.
- **Toeboard** - A low protective barrier (minimum of 3 ½ inches in vertical height from their top edge to the walking/working surface and no more than ¼ inch clearance above the walking/working surface) that will prevent the fall of materials and equipment to lower levels and provide protection from falls to personnel.
- **Unprotected Sides and Edges** - Any side or edge (except entrances to points of access) of a walking/working surface, (i.e., floor, ramp, or runway) where there is no wall or guardrail system at least 39 inches high.
- **Walking/Working Surface** - Any surface, whether vertical or horizontal on which an employee walks or works, including, but not limited to floors, roofs, ramps, bridges, runways, form work and concrete reinforcing steel but not including ladders, vehicles, or trailers, on which employees must be located to perform their duties.
- **Warning Line System** - A barrier erected on a low pitch roof, to warn employees that they are approaching an unprotected side or edge, and which designates an area in which roofing work may take place without the use of a guardrail, full body harness, or safety net systems to protect employees within that enclosed area.
- **Work Area** - The portion of a walking/working surface where job duties are being performed.
- **Personal Fall Arrest System (PFAS)** - Consists of a full body safety harness and lanyard equipped with a deceleration device. Locking snap hooks are required. PFAS must be secured to a stable anchorage point capable of supporting a 5000 lb static load without failure. Lanyards will be connected to the D-ring in the middle of the back. Attaching a lanyard to the chest or waist is prohibited as it can result in serious injury or death. Always assure that the anchor point remains ABOVE the D-ring at the middle of your back.

Primary Fall Prevention

Primary fall prevention systems are standard guard rail systems or safety nets. These are the preferred form of fall protection when working at heights > 6 feet above the ground or next working level. These systems must conform to 29 CFR 1926.502 (d).

When primary fall prevention systems are present, secondary fall protection systems such as personal fall arrest systems (harness/lanyard systems) are not required. Secondary fall protection systems should only be utilized after all efforts to employ primary fall prevention systems have been exhausted or when being used in connection with primary systems.

Standard Guardrail Systems

Guardrail systems are a primary form of fall protection. When present, secondary systems such as personal fall arrest systems (PFAS) are not required. A standard guardrail system must meet the following minimum requirements:

- Top rail must be 42 inches + or – 3 inches, above the walking/working surface,
- Midrails must be installed at a height midway between the top edge of the guardrail system and the walking/working level,
- Toeboards (4" or a 2" x 4") must be present at the bottom of the guardrail system when personnel will be walking/working below.
- Guardrail systems are supposed to be capable of withstanding, without failure, a force of at least 200 pounds applied in any downward or outward direction
- Midrails must be capable of withstanding, without failure, a force of at least 150 pounds applied in any downward or outward direction at any point along the midrail,
- If wire rope is used for top rails, it must be flagged at not more than 6-foot intervals with high visibility material.

Fall Protection Warning Line Systems

Warning line systems are designed to be utilized while performing work on low slope roofs. The warning line allows employees to readily note when they are approaching an unprotected roof edge.

The warning line shall be erected around all open sides of the roof work area, not less than 6 feet from the roof edge.

Scaffolding/Temporary Work Platforms

- Assure that scaffolding is level and that cross bracing systems are in place.
- When on softer surfaces such as soil or asphalt, scaffold base plates should be over mud (wood) sills to prevent sinking and toppling.
- All scaffolding must be provided with a safe means of access/egress. Climbing cross bracing is unacceptable and is prohibited.
- Look over scaffold decking to ensure that it is solid, free of openings and that the working platforms are equipped with standard guard rail systems.
- Secondary fall protection is mandatory when working on unguarded scaffold platforms > 10 feet in height.

- Personnel working/traveling on temporary platforms with fall exposure shall secure their lanyards to an anchorage point capable of supporting a 5,000 pound static load.
- Guardrails cannot be used as anchor points for fall arrest systems.

Ladders

- Always face the ladder during both ascent and descent.
- Ensure shoes are free of debris, mud and water to ensure best footing possible.
- Permanent caged ladders being used to access complete structures where no fall exposure exists, may be ascended/descended without wearing a safety harness/lanyard.
- Temporary construction ladders shall extend at least 36 inches above the upper landing being accessed and be secured against displacement.
- Extension ladders will be angled at a ratio of 4 to 1, that is, the base of the ladder will move 1 foot from the perpendicular for each 4 feet of vertical height. A 12 foot extension ladder will be set 3 feet out from the structure to be climbed.
- Temporary construction ladders and portable ladders (i.e., extension ladders, stepladders, etc.) placed for repeated access/egress to elevations should be tied or lashed in place.
- Do not attempt to carry objects, tools, or materials are in your hands while ascending/descending ladders. Use a back pack or a rope and bucket to hoist up tools or a similarly effective means.
- Work may be performed from a ladder without personal fall arrest systems so long as 3 point contact can be made at all times. If a task will require both hands, a ladder positioning system must be used.
- Do not stand on the top 2 rungs of a step ladder
- Do not over reach while on a ladder. Keep your center of gravity within the ladder uprights by using the “belly button rule”. Keep your belly button within the uprights.

Aerial Lifts

Only trained and authorized personnel shall be permitted to operate aerial lifts. Aerial lifts shall be operated according to the manufacturer’s intended applications and recommended safety practices as specified in the operating manual. Training will generally be arranged through our preferred aerial lift rental provider.

Operator trainees shall be instructed in the safe and proper operation of aerial devices utilizing the manufacturer’s operator’s manual. Acceptable training for Terracon personnel must include “hands-on” use to successfully demonstrate the trainee’s proficiency to the satisfaction of the qualified person administering aerial lift training.

Aerial Lift Inspection

Before operating an aerial lift device, the operator will check its general condition and test operator controls. If the lift is found to be in need of repair or is considered unsafe or will contribute to an unsafe condition, the Supervisor/Project Manager will be notified and the lift will not be operated until it has been restored to an operating condition considered safe by the trained employee.

If a lift becomes unsafe during operation, the equipment will be immediately shut down and the key/operating controls will be removed. The unsafe condition will be reported to the Supervisor/Project Manager, and the lift will not be operated until it has been restored to an operating condition considered safe by the trained employee.

Driving Aerial Lifts

Before and during movement of aerial lift devices, the driver will:

- Assure there is a functioning backup alarm.
- Use ground spotter to help properly move and position the lift device.
- Avoid traveling on surfaces that adversely affect the stability of the vehicle
- Limit travel speed in accordance with conditions presented by the slope, terrain, site congestion, etc.

Set Up and Positioning of Aerial Lifts

Before the lift is used, the worksite must be surveyed for hazards such as:

- Untamped earth fills
- Ditches
- Drop offs and floor obstructions
- Debris
- Overhead obstructions and electrical conductors
- Weather conditions
- Presence of unauthorized persons

CAUTION!: Maintain a vertical and horizontal clearance distance of at least 10 feet from all overhead power lines.

Before and during each use the operator will:

- Check for overhead obstructions and electrical conductors
- Determine that the intended load is within the manufacturer's rated capacity
- Set outriggers and stabilizers in accordance with operator's manual
- Determine that guardrails are properly installed and the gates are closed
- Use outrigger pads when necessary to provide firm footing.

Aerial Lift Operation

- Personnel performing work on lifts with extensible and articulating booms will be tied off to the basket/platform at all times utilizing a full body harness and a lanyard < 6 feet in length.
- **CAUTION!:** *Tying off to an adjacent pole, structure, or other equipment while working from an articulating boom lift is unsafe and is strictly prohibited.*
- While aloft, personnel must not climb from the lift to another position such as a roof top, etc. Planks or similar platform materials will not be used as a bridge between the aerial lift and another working surface (i.e. rooftop)
- On aerial lift devices having both upper and lower controls, the lower controls shall provide for overriding the upper controls. The lower controls will not be used for continuous operation of the lift with individual(s) in the platform.
- Employees working in a lift will keep their feet on the floor of the bucket or platform. Employees will not sit, climb or stand on the edge of the basket. Railings, planks, ladders or any other such equipment will not be used in or on the work platform for achieving additional working height or reach.
- Set the parking brake when the boom is elevated, except during mobile operations.
- Lift equipment must not be used as a tractor for pushing, pulling or dragging materials or equipment.
- Aerial lifts must not be used in high wind or in inclement weather that makes their use hazardous (i.e., icy weather conditions, thunder storms, etc.).

Excavations

The OSHA Excavations standard (29 CFR 1926, Subpart P) requires employers responsible for an excavation to assign a "competent person" to oversee the excavation and to safeguard personnel who may be required to enter the excavation. Terracon generally has no direct control of excavation activities. This responsibility is typically assumed by the general contractor or the excavation contractor. Terracon personnel assigned to trenching/excavation projects which are NOT under Terracon/Terracon control will remain alert to potential site hazards and conduct their duties in compliance with the applicable provisions of this section.

Inspection by Competent Person

Prior to entering trenches/excavations, a designated competent person shall have inspected the excavation and surrounding areas to evaluate:

- Indications of a situation which could result in cave-in.
- Indications of a failure of a protective system.
- Development of a possibly hazardous atmosphere.
- Such Inspections must also be made after every rainstorm or other hazard-increasing occurrence (i.e., blasting operation, etc.)

Personnel Entry/Evacuation

- *Terracon personnel will not enter trenches with vertical sidewalls in excess of 5 feet in depth.*
- If Terracon personnel observe situations which could result in possible cave-ins, slides, failure of protective systems or other hazardous condition, they will not enter or will immediately evacuate the trench or excavation. Terracon personnel observing such conditions will immediately report site conditions to the Terracon's Senior representative on-site, Terracon's Project Manager or their Supervisor. The Senior Terracon representative, Project Manager (or senior-level designee) is responsible for discussing site conditions with the excavation contractor and other personnel responsible for the site.
- Senior Terracon technicians who observe situations which could potentially result in cave-in, failure of protective systems or other hazardous conditions will immediately report their concerns to the excavation contractor or other responsible party, and order all Terracon personnel out of the trench or excavation. Terracon personnel will not be permitted to enter or re-enter the trench or excavation until the hazardous condition has been eliminated.
- Terracon personnel will not work in excavations in which there is accumulated water or in which water is accumulating unless the hazards posed by water accumulation have been evaluated and controlled by the designated Competent Person.

Access and Egress

- A means of egress (stairways, ladders or ramps) from trench excavations greater than 4 feet in depth must be present so that no more than 25 feet of lateral travel is required.
- Personnel exposed to vehicular traffic hazards will wear reflectorized safety orange warning vests as the outermost garment.

Working Near Excavation Equipment

- Terracon personnel should never enter the swing radius of heavy equipment while in operation.
- Before activities commence, establish a communication system with the equipment operator.
- The operator should cease operation of the equipment and standby while environmental media are screened or samples are collected.
- Always stay within the line of sight of the equipment operator.

Drilling Equipment

Personnel should be aware that as personal protective equipment increases, dexterity and visibility may be impacted and performing some tasks may be more difficult. Tape all loose protective clothing to avoid entanglement in equipment. Before drilling proceeds, underground utilities must be located and marked. Other drilling safety precautions to be observed include the following:

- All personnel working around drill rigs will be familiarized with emergency shut-down procedures and the position of "kill" switches.
- No loose fitting clothing, jewelry or unsecured long hair is permitted near the rig.
- Keep hands and feet away from all moving parts while drilling is in progress.
- Be aware of all pinch points and moving hydraulic equipment.
- Daily inspection of all moving parts is mandatory.
- A first aid kit and fire extinguisher will be immediately available at all times.
- All drill crews shall consist of at least two persons.
- No drilling is permitted during impending electrical storms, tornadoes or when rain creates a hazardous work environment.

A minimum horizontal and vertical clearance distance of 10 feet must be maintained between the drill rig and overhead power lines; use spotters to help rig operator maneuver the vehicle when near overhead power lines.

Landfills

Complete records of wastes buried at unpermitted or abandoned landfills are usually not available. Although it is not likely that drummed chemical wastes have been deposited, their presence cannot be ruled out. Buried solid wastes such as agricultural chemicals, automotive and paint-related compounds and solvents, discarded batteries, etc. may be encountered during soil boring activities. Drilling personnel will remain alert to staining of drill tools, the presence of granular materials, chemical odors or other signs of subsurface encounters with potentially hazardous materials. Impermeable gloves will be donned prior to handling drilling tools which are suspected to have encountered subsurface contaminants.

Site personnel performing soil borings at this project site may be exposed to biological, as well as slip, trip, and fall hazards as outlined below. Air monitoring as outlined below will only be required during boring in proximity to fill areas. All Terracon personnel who mobilize to the project site will wear Level D personal protective equipment consisting of a standard work uniform, abrasion resistant gloves (leather, heavy PVC), safety footwear (ANSI-Z41) and hard hat. Additional requirements for air monitoring and personal protective requirements for personnel engaged in intrusive operations are outlined below.

Methane Monitoring

Methane is a non-toxic, colorless, odorless and tasteless gas that is lighter than air. Methane is produced by the anaerobic decomposition of organic matter and is considered a simple asphyxiant (i.e., is toxic only in its ability to displace normal oxygen). Methane is extremely flammable, and the explosive range is indicated below.

Lower Flammable Limit: 5% (concentration in air, by volume)

Upper Flammable Limit: 15% (concentration in air, by volume)

Combustible gas indicator (CGI) readings will be taken at the bore hole and in the work zone during advancement of each soil boring. If CGI readings at the bore holes exceed 20% of the Lower Explosive Limit (LEL), discontinue drilling and allow the boring to vent. Eliminate any possible ignition sources in the vicinity. After approximately 5 minutes, repeat CGI reading. If CGI readings have fallen below 20% LEL, drilling may proceed with caution and continuous combustible gas monitoring. If CGI readings fail to move below 20% LEL after venting for 10-15 minutes, establish fans to blow vapors away from hot parts of drill rig and continue drilling using bentonite drilling mud. The bentonite mud will help lubricate the auger and will significantly retard or eliminate surface migration of methane and other gases or vapors.

Hydrogen Sulfide Monitoring

At concentrations of 0.13 to 30 ppm, the odor is obvious and unpleasant. At 50 ppm, marked dryness and irritation of the nose and throat occurs. Prolonged exposure may cause a runny nose, cough, hoarseness, shortness of breath and pneumonia. At 100-150 ppm, there is a temporary loss of smell. At 200 to 250 ppm, H₂S causes severe irritation as well as symptoms such as headache, nausea, vomiting and dizziness. Prolonged exposure may cause lung damage (build-up of fluid in the lungs). Exposure for 4 to 8 hours can cause death.

Concentrations of 300-500 ppm cause these same effects sooner and more severely. Death can occur in 1 to 4 hours. At 500 ppm, excitement, headache, dizziness, staggering, unconsciousness and respiratory failure occur in 5 minutes to 1 hour. Death can occur in 30 minutes to 1 hour. Exposures above 500 ppm rapidly cause unconsciousness and death. Severe exposures which do not result in death may cause long-term symptoms such as memory loss, paralysis of facial muscles or nerve tissue damage.

Operators will ascertain the direction of prevailing winds at each boring location. Drill rigs will be positioned to the upwind side of each proposed bore hole.

Hydrogen sulfide detector will be used to monitor the atmosphere over the bore hole and in the breathing zone of site personnel. If H₂S is detected at the bore hole, continuous H₂S monitoring will be required in the breathing zone of site personnel. If H₂S concentrations in the breathing zone exceed 5 ppm, personnel will immediately back away to the upwind side and allow the boring to vent. Drilling will proceed only after breathing zone concentrations of H₂S have fallen

and remain below 5 ppm. There is NO air purifying respirator cartridge approved for use against H₂S. If H₂S concentrations in the breathing zone continuously exceed 5 ppm, high volume fans will be established to blow the borehole gases to the down-wind side of the work zone.

Biological Hazards

In addition to the chemical contaminants identified in site groundwater, disease-causing microorganisms (bacteria, fungi, viruses, and mold) may exist in decaying organic materials which may be present in fill materials. Illness may result from inadvertent ingestion of these microorganisms. Partially buried sharp or jagged debris, broken glass and rusty metal pose trip, puncture and potential laceration hazards. Safety footwear is MANDATORY for this project. Landfills attract rodents, wild dogs, raccoons and other wild animals which could bite or carry diseases. Do not approach animals on any landfill site. Decaying organic material in fill areas will potentially yield flammable methane gas. Off-gassing of methane generated in sub-surface fill areas can also bring organic vapors from buried chemical substances to the surface.

Engineering Control Efforts

In order to reduce the concentration of flammable and/or toxic vapors around the bore hole, high volume fans (>1,000 CFM) can be utilized at each proposed boring location where H₂S concentrations exceed 5 ppm or where CGI readings are above 20% LEL. The SSO will determine the direction of the prevailing wind at each proposed boring location. The drill rig will be position perpendicular to the prevailing wind and the high volume fan will be established approximately 4 feet to the upwind of the bore hole. Caution must be taken to ensure the fan is set up at a distance adequate to prevent inadvertent contact by site personnel. The fan must be positioned such that gases liberated from the boring are directed DOWNWIND, and away from the operator and operator controls. Periodic CGI and H₂S detector monitoring of the breathing zone atmosphere will then be conducted to determine the adequacy of engineering control efforts and potential need for respiratory protection.

Miscellaneous Physical Hazards

Inclement Weather

When working outside, the project may be shut down by the SSO during the following inclement weather conditions: poor visibility; precipitation severe enough to impair safe movement or travel; lightning in the immediate area; steady winds in excess of 40 mph; or, other conditions as determined by the SSO or Corporate Safety and Health Manager. Work will resume when the conditions are deemed safe by the SSO.

When working on steel structures, work will be curtailed when lightning is in the immediate area.

Traffic Control

If site activities interrupt the normal flow of pedestrian or vehicular traffic, barricades and warning signs which comply with the Manual on Uniform Traffic Control Devices and/or State or local ordinances will be erected around affected equipment. Safety orange, yellow or green Class II work vests with reflective tape will be worn by personnel working within 10 feet of any active roadway. All borings or partially completed groundwater monitoring wells will be adequately covered and/or barricaded if left unattended for any period of time. Flagging operations will only be conducted by personnel who have been trained in the proper flagging procedures.

Covers

Terracon personnel must be alert to the potential for openings in work surfaces on roadways, bridge and building sites. Contractors will typically use covers for holes in floors, roofs, and other walking/working surfaces. Covers should meet the following requirements:

- All other covers shall be capable of supporting, without failure, at least twice the weight of employees, equipment, and materials that may be imposed on the cover at any one time,
- All covers shall be secured when installed so as to prevent accidental displacement by the wind, equipment, or employees,
- All covers shall be marked with the words, "HOLE COVER-DO NOT REMOVE", in order to provide adequate warning of the hazard,
- For short duration tasks (single shift), barricade tape may be used to warn employees provided a monitor attends the opening at all times. The monitor shall have no other duties
- When used to mark a hole or floor opening, barricade tape shall be erected a minimum distance of 6 feet from the opening.

Heat Stress

Level D/Level D Modified

Whenever ambient temperature exceeds 70 degrees F and personal protective equipment requirements are Level D or Level D modified, the following heat stress monitoring and preventive measures will be implemented.

At least one gallon of water will be available for each field employee during each day of site activity. The designated Site Safety Officer and one designee will observe personnel for signs of heat stress (excessive perspiration, flushed skin, nausea, etc.).

If such signs are observed, affected workers will be required to leave the contaminant zone, loosen protective clothing and rest. During the rest period affected personnel will drink at least

one 8 oz. glass of cool water. Pulse will be checked at the beginning of the rest period. Personnel will not return to work until pulse rate is less than 90.

Level C

In addition to the above precautions, the following procedures will be implemented whenever the ambient temperature exceed 70 degrees F and personal protective equipment requirements are Level C or above. Ambient temperature will be measured with a dry bulb thermometer and percent cloud cover will be estimated:

1.0 = No Clouds
 0.75 = 25% Clouds
 0.5 = 50% Clouds
 0.25 = 75% Clouds
 0.0 = 100% Clouds).

Calculate the adjusted temperature using the following formula:

$$\text{ADJUSTED TEMPERATURE} = 13(\% \text{ CLOUD COVER}) + \text{DRY TEMPERATURE}$$

Rest regimens and physiological monitoring (oral temperature and radial pulse) will be implemented at frequencies dependent upon adjusted temperature.

<u>Adjusted Temperature</u>	<u>Rest Period/Monitoring Frequency</u>
90+	After 15 minutes
87.5-90	After 30 minutes
82.5-87.4	After 60 minutes
77.5-82.5	After 90 minutes
70.5-77.4	After 120 minutes

Employees will return to work only after oral temperature is below 99.7 degrees F and pulse rate < 90. Fluid replacement will be encouraged during each rest period. The use of stimulants and alcoholic beverages in off hours will be discouraged.

Cold Stress

Persons working outdoors in low temperatures, especially at or below freezing are subject to cold stress. Exposure to extreme cold for a short time can cause severe injury to the surface of the body or result in profound generalized cooling which, in extreme cases, can lead to coma and death. Areas of the body which have high surface area, such as fingers, toes and ears are most susceptible.

Protective clothing generally does not provide protection against cold stress. In many instances it may increase susceptibility due to excessive perspiration which can rapidly cool the body when exposed to cold, windy conditions. The greatest incremental increase in wind chill occurs when a wind of 5 mph increases to 10 mph. And, because water conducts heat approximately 240 times

faster than air, the body will cool rapidly when chemical protective equipment is removed if undergarments are saturated with perspiration.

Whenever ambient temperatures are expected to be below freezing, Terracon personnel will consult the cold stress section of the Terracon Safety and Health Policy and Procedures Manual to re-familiarize themselves with signs, symptoms and treatment of cold injuries. Thermal boot, glove and hard hat liners will be mandatory for all personnel conducting field activities in ambient temperatures below freezing.

Chemical Hazards

Common chemical hazards that may be encountered during site investigation or remediation activities are presented below. The list of chemical hazards includes petroleum hydrocarbons, chlorinated solvents (e.g., dry cleaning solvents and degreasers), and select heavy metals that are common target chemicals of concern at our project sites. If target chemicals of concern for your project site are not listed below, seek support from a CIH or equivalent qualified person to obtain the applicable OSHA PELs or ACGIH TLVs and ensure that project procedures and PPE are appropriate to mitigate the subject chemical hazard(s).

GASOLINE

Permissible Exposure Limit

300 ppm ACGIH TLV

Gasoline is irritating to the skin, eyes and mucous membranes. Dermatitis may result from prolonged contact with the liquid. Gasoline acts as a central nervous system depressant. Exposure may cause staggering gait, slurred speech and mental confusion. Gasoline exposure may affect the liver, kidneys and spleen. Absorption of alkyl lead antiknock compounds contained in many gasolines poses an additional health concern, especially where there is prolonged skin contact. Benzene is the most significant health hazard contained in petroleum blends and typically comprises less than 1% of regular grade gasolines. Specific health hazard information on petroleum and its most volatile aromatic constituents are provided below.

DIESEL FUEL (No. 2-D)

Permissible Exposure Limit

100 mg/m³ ppm ACGIH TLV (As mist/vapor)

Diesel fuel is a skin and mucous membrane irritant and a central nervous system depressant. Poisoning may affect the liver and kidneys. Skin contact may result in drying and cracking of the skin.

FUEL OIL (No. 6)**Permissible Exposure Limit**

400 ppm OSHA PEL (as petroleum distillates/naphtha)

0.2 mg/m³ OSHA PEL (Coal Tar Pitch Volatiles, "PNA's")

Fuel oil No. 6, or "Bunker Fuel", is of low volatility. It can be irritating to the eyes and skin. This substance is likely to contain polynuclear aromatic hydrocarbons (PNA's), some of which are considered carcinogenic. PNA's present a skin contact hazard. Avoid skin contact with potentially contaminated site materials.

BENZENE**Permissible Exposure Limit**

1 ppm OSHA PEL

5 ppm OSHA 15 min STEL

0.5 ppm OSHA Action Level

Benzene is a central nervous system depressant and an eye and skin irritant. Poisoning may cause hemorrhages and immunosuppression. A relationship has been discovered between benzene exposure and leukemia. Benzene is regulated as an occupational carcinogen. Acute exposure may cause dizziness, excitation, weakness, headache, giddiness, breathlessness and chest constriction.

TOLUENE**Permissible Exposure Limit**

20 ppm ACGIH TLV

(Skin Absorbable)

Toluene is an eye, skin and mucous membrane irritant and a central nervous system depressant. Poisoning may affect the liver and kidneys. Prolonged exposure may affect the heart and blood. The ingestion of alcoholic beverages may enhance the toxic effects of toluene. Symptoms of exposure include respiratory tract irritation, headache, dizziness and eye irritation. Toluene may be absorbed to the bloodstream via skin contact.

ETHYL BENZENE**Permissible Exposure Limit**

20 ppm ACGIH TLV

Ethyl benzene is a skin, eye and mucous membrane irritant. It is moderately toxic by ingestion and slightly toxic by skin absorption. Ethyl benzene is a central nervous system depressant. Poisoning may affect the liver. Symptoms of exposure may include a sense of chest constriction and nervous disorders. Skin contact may result in first and second degree burns. The odor can be detected at 140 ppm and irritation occurs at ~200 ppm.

XYLENE

Permissible Exposure Limit

100 ppm OSHA PEL

Xylene is a mild eye and mucous membrane irritant, primary skin irritant and a central nervous system depressant. Ingestion causes severe gastrointestinal upset and creates an aspiration hazard. Chronic inhalation results in symptoms that resemble acute poisoning, but are more severe systemically.

TOOL BOX MEETINGS Safety Hazard Discussions	
TOPIC - DESCRIPTION	Date

Signatures		
	Participant(s)	Signature(s)
Person who provided meeting		
Attendees		